

## REACH candidate list

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## Weidmuller Interface GmbH &amp; Co. KG

DUNS number: 315966622

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Declarations authorised by:

Marcel Koetter, Assistance substance data management, EHS

Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 13:51 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazine chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-ic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0117960000	AP SAK4-10	2.31	g
0128320000	SAK 4 KRG	13.35	g
0130160000	TW 4 SAK4-10	3.235	g



Part number	Part name	Part Mass	Part Mass UoM
0150960000	AP SAKD2.5N	1.435	g

Declaration effective from: 28 June 2019 [Approved on 5 August 2019, 07:28 GMT]

REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0222760000	ASK 1/EN LD 15K 24VDC	13.44	g

Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 13:51 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0268860000	SAKD 2.5/35	5.98	g
0279560000	AP SAK2.5	1.685	g

Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 12:39 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazine chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-ic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0298360000	TOP4GS2/180 7.62 OR	16.68	g

Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 13:51 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0336400000	Q 2 AKZ4	1.538	g
0336700000	Q 2 SAK4	4.82	g
0336900000	Q 4 SAK4	8	g
0338300000	QL 10 SAK6N	3	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 14:09 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0367800000	Q 2 SAKD2.5N	2.76	g
0367900000	Q 3 SAKD2.5N	4.08	g
0368200000	Q 2 AKZ1.5	1.62	g
0368300000	Q 3 AKZ1.5	2.5	g
0368500000	Q 10 AKZ1.5	9.15	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from:** 5 September 2019 [Approved on 5 September 2019, 13:51 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0368600000	Q 10 AKZ4	7.88	g
0368700000	Q 10 SAK2.5	17.5	g
0368800000	Q 10 SAK4	24.6	g
0380460000	SAK 2.5/35	6.33	g
0380560000	SAK 6/35 PA	12.98	g

Declaration effective from: 8 October 2019 [Approved on 8 October 2019, 14:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0383400000	TS 35X7.5 2M/ST/ZN	325	g
0383560000	EW 35	5.32	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 14:09 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0412260000	SAKR 2STB	10.1	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 13:51 GMT]**

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0443660000	SAK 4/35	8.6	g
0456700000	Q 2 SAK6N	4.6	g
0456800000	Q 3 SAK6N	7.16	g
0456900000	Q 4 SAK6N	9.52	g
0457000000	Q 10 SAK6N	24	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 14:09 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0457100000	Q 2 SAK10	5.42	g
0457500000	Q 2 SAK16	5.48	g
0457800000	Q 10 SAK16	32.7	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 18 October 2019 [Approved on 18 October 2019, 10:10 GMT]**

**REACH candidate list substances (Regulation 1907/2006)**

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0473560001	DEK 5 FS 1-50	0.05	g
0473560051	DEK 5 FS 51-100	0.04	g
0473560101	DEK 5 FS 101-150	0.04	g
0473560151	DEK 5 FS 151-200	0.04	g
0473560201	DEK 5 FS 201-250	0.04	g

Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 13:51 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0474360000	EK 2.5N	15.31	g

Declaration effective from: 8 October 2019 [Approved on 8 October 2019, 14:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0514500000	TS 35X7.5/LL 2M/ST/ZN	312.5	g
0514570000	TS 35X7.5/LL/6 2M/ST/ZN	155	g

Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 13:51 GMT]

REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0661060000	EK 2.5/35	10	g

Declaration effective from: 8 October 2019 [Approved on 8 October 2019, 14:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
0687900000	FM 4/TS35	4.708	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 07:30 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazine chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-ic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1010000000	WPE 2.5	16.22	g
1010100000	WPE 4	18.5	g
1010200000	WPE 6	25.98	g

Part number	Part name	Part Mass	Part Mass UoM
1010300000	WPE 10	30.56	g
1010500000	WPE 35	80.2	g
1011000000	WSI 6	18.36	g
1012300000	WSI 6/LD 60-150V DC/AC	19.37	g

Declaration effective from: 25 October 2019 [Approved on 25 October 2019, 12:18 GMT]

REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosaflluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
a,a-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1018790000	IE-FCM-RJ45-C	36.4	g
1018840000	IE-FCM-USB-A	2.3	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 07:30 GMT]**

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1019100000	WPE 16N	33.98	g
1020000000	WDU 2.5	7.51	g
1020080000	WDU 2.5 BL	7.43	g
1020100000	WDU 4	9.57	g
1020200000	WDU 6	12.75	g
1020300000	WDU 10	16.9	g
1020500000	WDU 35	51.38	g
1020800000	WDU 2.5/10 BEZ/NE	77.8	g
1021500000	WDK 2.5	12.03	g
1022300000	WDK 2.5V	13.16	g
1023400000	WDK 2.5 1D A.1	12.11	g
1023500000	WDK 2.5 2D	12.39	g
1024700000	WDU 2.5/1.5/ZR	7.54	g
1036100000	WDU 16N	24.08	g
1036300000	WDK 2.5PE	17.62	g
1036760000	WDU 4 OR	9.38	g
1050000000	WAP 2.5-10	2.62	g

Part number	Part name	Part Mass	Part Mass UoM
1050080000	WAP 2.5-10 BL	2.56	g
1050100000	WAP 16+35 WTW 2.5-10	4.618	g
1051960000	WQV 4/2	2.32	g
1052060000	WQV 4/10	12.15	g
1052360000	WQV 6/2	3.2	g
1052460000	WQV 10/10	18.85	g
1052560000	WQV 10/2	3.6	g
1053060000	WQV 35/2	13.02	g
1053660000	WQV 2.5/2	1.48	g
1053760000	WQV 2.5/3	2.26	g
1053860000	WQV 2.5/4	3.06	g
1054460000	WQV 2.5/10	7.75	g
1054560000	WQV 4/3	3.54	g
1054660000	WQV 4/4	4.38	g
1054760000	WQV 6/3	4.9	g
1054860000	WQV 6/4	6.58	g
1054960000	WQV 10/3	5.5	g
1055060000	WQV 10/4	7.4	g
1058800000	WTW EN	13.735	g
1059100000	WAP WDK2.5	4.587	g

Declaration effective from: 8 October 2019 [Approved on 8 October 2019, 14:28 GMT]

REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1061200000	WEW 35/2	14.26	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 07:30 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazine chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1084000000	WAP WDK2.5/4 N	4.185	g

Declaration effective from: 4 November 2019 [Approved on 4 November 2019, 11:40 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1100921001	RS 30 24VDC LD LP 1R	27.17	g
1101611001	RS 30 24VDC LD LP 1A	27.47	g
1101811001	RS 30 48VDC LD LP 1A	30	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from:** 4 November 2019 [Approved on 4 November 2019, 09:44 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1185060000	AP 100 OR	7.054	g

Declaration effective from: 4 June 2018 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-ic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1241860000	SLA 10/90B 3.2SN OR BX	4.34	g
1242460000	SLA 16/90B 3.2SN OR BX	7.48	g

Declaration effective from: 19 March 2019 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1303360000	AKE 2.5	7.535	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 4 June 2018 [Approved on 5 August 2019, 07:28 GMT]**

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1383560000	SLAD 10/180 4.5SN OR	8.56	g
1487360000	BLAT 10B SN OR	31.933	g
1487960000	BLAT 16B SN OR	52.5	g

Declaration effective from: 4 November 2019 [Approved on 4 November 2019, 09:10 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1512860000	SL 5.08/04/90 4.5SN OR BX	1.61	g

Declaration effective from: 4 June 2018 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1517560000	SL 5.08/05/180 3.2SN OR BX	1.53	g
1517660000	SL 5.08/06/180 3.2SN OR BX	1.83	g
1519760000	SL 5.08/04/180B 3.2SN OR BX	1.33	g
1519960000	SL 5.08/06/180B 3.2SN OR BX	1.93	g
1520360000	SL 5.08/10/180B 3.2SN OR BX	3.05	g
1521860000	SL 5.08/02/180 4.5SN OR BX	0.86	g
1522010000	SL 5.08/04/180 4.5SN BK BX	1.6	g
1522060000	SL 5.08/04/180 4.5SN OR BX	1.57	g
1522210000	SL 5.08/06/180 4.5SN BK BX	2.3	g

Declaration effective from: 24 July 2018 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1526460000	BLZ 5.08/02/180 SN OR BX	3.1	g
1526860000	BLZ 5.08/06/180 SN OR BX	9.26	g
1527860000	BLZ 5.08/16/180 SN OR BX	24.71	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 07:30 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1579000000	WQB A/24	7.18	g
1579060000	WQB B/24	8.13	g

Declaration effective from: 9 October 2019 [Approved on 9 October 2019, 06:26 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1592820000	LP 5.08/02/90 3.2SN OR BX	2.83	g
1592830000	LP 5.08/03/90 3.2SN OR BX	4.2	g
1594360000	LP 5.08/04/90 3.2SN OR BX	6.08	g



Part number	Part name	Part Mass	Part Mass UoM
1594380000	LP 5.08/10/90 3.2SN OR BX	14.98	g

**Declaration effective from:** 4 November 2019 [Approved on 4 November 2019, 09:10 GMT]

REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1601850000	SLD 5.08/16/90G 3.2SN OR BX	16.15	g
1602010000	SLD 5.08/48/90G 3.2SN OR BX	45.4	g
1607060000	SL 3.50/04/90F 3.2SN OR BX	1.62	g

Declaration effective from: 22 August 2019 [Approved on 22 August 2019, 10:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1608510000	ZDU 2.5	6.925	g
1608620000	ZDU 6	17.19	g
1608640000	ZPE 2.5	11.17	g
1608670000	ZPE 6	21.63	g
1608740000	ZAP/TW 1	2.952	g
1608870000	ZQV 2.5/3	1.8	g
1608880000	ZQV 2.5/4	2.45	g
1608890000	ZQV 2.5/5	3.9	g
1608910000	ZQV 2.5/7	4.639	g
1608920000	ZQV 2.5/8	5.05	g
1608930000	ZQV 2.5/9	5.7	g
1608940000	ZQV 2.5/10	6.724	g
1608950000	ZQV 4/2 GE	1.619	g
1608980000	ZQV 4/5 GE	4.25	g
1609000000	ZQV 4/7 GE	6.05	g
1609010000	ZQV 4/8 GE	7	g
1609020000	ZQV 4/9 GE	7.95	g
1609030000	ZQV 4/10 GE	8.8	g

Declaration effective from: 18 October 2019 [Approved on 18 October 2019, 10:10 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1609801044	DEK 5/5 MC NE WS	0.121	g

Declaration effective from: 22 August 2019 [Approved on 22 August 2019, 10:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1616440000	ZSI 2.5/LD 28AC	19.63	g
1627850000	ZQV 6/2 GE	2.616	g
1627860000	ZQV 6/3 GE	4.05	g
1627870000	ZQV 6/4 GE	5.48	g
1632050000	ZDU 4	11.92	g
1632080000	ZPE 4	15.96	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 07:30 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1636560000	WQV 16N/2	3.94	g

Declaration effective from: 22 August 2019 [Approved on 22 August 2019, 10:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1674300000	ZDK 2.5	9.79	g
1689990000	ZDK 2.5V	10.56	g

Declaration effective from: 9 October 2019 [Approved on 9 October 2019, 06:26 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1715360000	LM 5.00/03/135 3.5SN OR BX	3.832	g

Declaration effective from: 4 November 2019 [Approved on 4 November 2019, 09:10 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1716340000	BL 5.08/04/180 SN OR BX	5.39	g
1716360000	BL 5.08/06/180 SN OR BX	8.09	g

Declaration effective from: 22 August 2019 [Approved on 22 August 2019, 10:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazine chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1739680000	ZQV 10/2	5.9	g
1746750000	ZDU 10	25.34	g
1746770000	ZPE 10	31.14	g

Declaration effective from: 9 October 2019 [Approved on 9 October 2019, 06:26 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1769240000	LM2H 5.08/04/90 3.5SN OR BX	8.06	g

Declaration effective from: 4 November 2019 [Approved on 4 November 2019, 11:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1784780000	SAIBM 5/8S M12 5P B-COD	48	g
1784790000	SAISM 5/8S M12 5P B-COD	46	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 10 January 2019 [Approved on 5 August 2019, 07:28 GMT]**

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1793020000	BCZ 3.81/12/180F SN BK BX	10.54	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

Declaration effective from: 30 May 2018 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1793610000	SC 3.81/02/180G 3.2SN GN BX	0.68	g

Declaration effective from: 4 November 2019 [Approved on 4 November 2019, 11:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1803860000	SAIS-M8-3P	11	g
1807250000	SAIB-5/9	27	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 9 October 2019 [Approved on 9 October 2019, 06:26 GMT]**

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1824430000	LSF-SMT 3.50/03/90 3.5SN BK TU	2.29	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 07:30 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1880430000	WSI 4/2	21.76	g

Declaration effective from: 9 October 2019 [Approved on 9 October 2019, 06:26 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1884540000	LSF-SMT 5.00/03/135 1.5SN BK TU	3.333	g

Declaration effective from: 25 February 2019 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazine chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1886590000	WSI 4/LD 10-36V AC/DC	11.68	g

Declaration effective from: 22 August 2019 [Approved on 22 August 2019, 10:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1908960000	ZQV 2.5/20	13.785	g

Declaration effective from: 24 July 2018 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1943600000	BLZP 5.08HC/04/180 SN OR BX	6.76	g
1943620000	BLZP 5.08HC/06/180 SN OR BX	10.267	g
1943640000	BLZP 5.08HC/08/180 SN OR BX	13.511	g

Declaration effective from: 30 October 2019 [Approved on 30 October 2019, 12:03 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
1963600000	IE-PS-RJ45-FH-BK	17.831	g

Declaration effective from: 19 April 2018 [Approved on 5 August 2019, 07:28 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetrolead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
7906240000	MK 6/4/E	43.95	g
7906260000	MK 6/6/E	65.25	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 07:30 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosfluorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosfluorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosfluoroundecanoic acid	0.1	Yes
Heptacosfluorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
8014670000	WDK 2.5 2D 1.A	12.35	g

Declaration effective from: 15 October 2019 [Approved on 15 October 2019, 08:00 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazine chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-ic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
8019950000	RS SD25S LP3R	159	g
8019960000	RS SD37S LP3R	212	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 5 September 2019 [Approved on 5 September 2019, 13:55 GMT]**

**REACH candidate list substances (Regulation 1907/2006)**

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
9004290000	H0.75/14 W BD	0.092	g
9019160000	H2.5/15D BL	0.144	g
9019190000	H4.0/18D GR	0.26	g
9028240000	H0.14/12 GR SV	0.056	g

Declaration effective from: 4 November 2019 [Approved on 4 November 2019, 11:50 GMT]

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxodizincatedichromate	0.1	Yes
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	No
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
9456100150	SAIL-M12G-4-1.5U	59	g
9456150150	SAIL-M8BW-4-1.5U	47	g
9457240000	SAIB-4/7	25	g
9457380150	SAIL-M8BW-3-1.5U	37.8	g
9457380300	SAIL-M8BW-3-3.0U	72	g
9457450300	SAIL-M8BG-3-3.0U	67.2	g
9457550000	SAIS-4/7	22	g
9457730150	SAIL-M12BG-4-1.5U	58	g
9457730500	SAIL-M12BG-4-5.0U	164	g
9457731000	SAIL-M12BG-4-10U	309	g
9457740150	SAIL-M12BW-4-1.5U	59	g
9457740300	SAIL-M12BW-4-3.0U	102	g
9457850150	SAIL-M8BG-4-1.5U	44	g
9457850300	SAIL-M8BG-4-3.0U	79	g
9457850500	SAIL-M8BG-4-5.0U	129	g
9457911000	SAIL-M12BG-5-10U	379	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

**Declaration effective from: 8 October 2019 [Approved on 8 October 2019, 14:28 GMT]**

## REACH candidate list substances (Regulation 1907/2006)

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-tert-butylphenol	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	0.1	Yes
2-methoxyethyl acetate	0.1	Yes
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	0.1	Yes
Ethylenediamine [EDA]	0.1	Yes
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride [trimellitic anhydride; TMA]	0.1	Yes
Cadmium nitrate	0.1	Yes
Cadmium carbonate	0.1	Yes
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with greater than or equal to 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]	0.1	Yes
4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
p-(1,1-dimethylpropyl)phenol	0.1	Yes
Nitrobenzene	0.1	Yes
Cadmium chloride	0.1	Yes
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	0.1	Yes
Sodium perborate; perboric acid, sodium salt	0.1	Yes
Pentacosafuorotridecanoic acid	0.1	Yes
Sodium peroxometaborate	0.1	Yes
Cadmium fluoride	0.1	Yes
Cadmium sulphate	0.1	Yes
Tricosafuorododecanoic acid	0.1	Yes
Lead di(acetate)	0.1	Yes
Henicosafuoroundecanoic acid	0.1	Yes
Heptacosafuorotetradecanoic acid	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	0.1	Yes
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.1	Yes
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	0.1	Yes
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	0.1	Yes
Methoxyacetic acid	0.1	Yes
Acetic acid, lead salt, basic	0.1	Yes
Trilead bis(carbonate)dihydroxide	0.1	Yes
Lead bis(tetrafluoroborate)	0.1	Yes
Lead monoxide (lead oxide)	0.1	Yes
Silicic acid, lead salt	0.1	Yes
Tetraethyllead	0.1	Yes
Furan	0.1	Yes
Methyloxirane (Propylene oxide)	0.1	Yes
Diethyl sulphate	0.1	Yes
Dimethyl sulphate	0.1	Yes
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1	Yes
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	0.1	Yes
4,4'-methylenedi-o-toluidine	0.1	Yes
4,4'-oxydianiline and its salts	0.1	Yes
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	0.1	Yes
6-methoxy-m-toluidine (p-cresidine)	0.1	Yes
Biphenyl-4-ylamine	0.1	Yes
o-aminoazotoluene	0.1	Yes
o-Toluidine	0.1	Yes
N-methylacetamide	0.1	Yes
1-bromopropane (n-propyl bromide)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Acrylamide	0.1	Yes
Anthracene	0.1	Yes
Anthracene oil	0.1	Yes
Anthracene oil,anthracene paste, distn. Lights	0.1	Yes
Anthracene oil,anthracene paste,anthracene fraction	0.1	Yes
Anthracene oil, anthracene-low	0.1	Yes
Anthracene oil,anthracene paste	0.1	Yes
Coal tar pitch, high temperature	0.1	Yes
4,4'-Diaminodiphenylmethane	0.1	Yes
Lead hydrogen arsenate	0.1	Yes
Triethyl arsenate	0.1	Yes
5-tert-butyl-2,4,6-trinitro-m-xylene	0.1	Yes
Sodium dichromate, dihydrate	0.1	Yes
2,4-Dinitrotoluene	0.1	Yes
Trichlorethylene	0.1	Yes
Sodium chromate	0.1	Yes
Potassium chromate	0.1	Yes
Ammonium dichromate	0.1	Yes
Potassium dichromate	0.1	Yes
Cobalt(II) Sulphate	0.1	Yes
Cobalt(II) Dinitrate	0.1	Yes
Cobalt(II) Carbonate	0.1	Yes
Cobalt(II) Diacetate	0.1	Yes
2-Methoxyethanol	0.1	Yes
2-Ethoxyethanol	0.1	Yes
Chromium Trioxide	0.1	Yes
Acids generated from chromium trioxide and their oligomers	0.1	Yes
1,2,3-Trichloropropane	0.1	Yes
1-Methyl-2-pyrrolidone	0.1	Yes
Hydrazine	0.1	Yes
2-Ethoxyethyl acetate	0.1	Yes
Strontium chromate	0.1	Yes
Calcium arsenate	0.1	Yes
Potassium hydroxyoctaoxidizincatedichromate	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Lead dipicrate	0.1	Yes
Arsenic acid	0.1	Yes
2-Methoxyaniline; o-Anisidine	0.1	Yes
Trilead diarsenate	0.1	Yes
1,2-dichloroethane	0.1	Yes
Pentazinc chromate octahydroxide	0.1	Yes
Formaldehyde, oligomeric reaction products with aniline	0.1	Yes
4-(1,1,3,3-tetramethylbutyl)phenol	0.1	Yes
Lead diazide, Lead azide	0.1	Yes
Phenolphthalein	0.1	Yes
Dichromium tris(chromate)	0.1	Yes
Lead styphnate	0.1	Yes
Lead(II) bis(methanesulfonate)	0.1	Yes
Formamide	0.1	Yes
1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	0.1	Yes
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (B-TGIC)	0.1	Yes
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	0.1	Yes
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.1	Yes
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	0.1	Yes
N,N-dimethylacetamide	0.1	Yes
N,N-dimethylformamide	0.1	Yes
Lead titanium trioxide	0.1	Yes
Lead titanium zirconium oxide	0.1	Yes
2,2'-dichloro-4,4'-methylenedianiline	0.1	Yes
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.1	Yes
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	0.1	Yes
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.1	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1	Yes
Pentadecafluorooctanoic acid (PFOA)	0.1	Yes
Ammonium pentadecafluorooctanoate (APFO)	0.1	Yes
Octamethylcyclotetrasiloxane [D4]	0.1	Yes
Decamethylcyclopentasiloxane [D5]	0.1	Yes
Dodecamethylcyclohexasiloxane [D6]	0.1	Yes
1,3-propanesultone	0.1	Yes
Bis(2-methoxyethyl) ether	0.1	Yes
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	0.1	Yes
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	0.1	Yes
1,2-Diethoxyethane	0.1	Yes
Terphenyl, hydrogenated	0.1	Yes
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.1	Yes
Perfluorohexane-1-sulphonic acid and its salts [PFHxS]	0.1	Yes
Benzo[k]fluoranthene	0.1	Yes
Fluoranthene	0.1	Yes
Phenanthrene	0.1	Yes
Pyrene	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Benzo[ghi]perylene	0.1	Yes
Chrysene	0.1	Yes
Benz[a]anthracene	0.1	Yes
Benzo[def]chrysene	0.1	Yes
Lead	0.1	Yes
Cadmium hydroxide	0.1	Yes
Cadmium	0.1	Yes
Cadmium oxide	0.1	Yes
Cadmium sulphide	0.1	Yes
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	0.1	Yes
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	0.1	Yes
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1	Yes
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.1	Yes
Dicyclohexyl phthalate [DCHP]	0.1	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with greater than or equal to 0.3% of dihexyl phthalate (EC No. 201-559-5)	0.1	Yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.1	Yes
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	0.1	Yes
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.1	Yes
Dihexyl phthalate	0.1	Yes
Dipentyl phthalate (DPP)	0.1	Yes
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.1	Yes
Diisopentylphthalate	0.1	Yes
N-pentyl-isopentylphthalate	0.1	Yes
Bis(2-methoxyethyl) phthalate	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	0.1	Yes
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	0.1	Yes

Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Diisobutyl phthalate (DIBP)	0.1	Yes
Benzyl butyl phthalate (BBP)	0.1	Yes
Dibutyl phthalate (DBP)	0.1	Yes
Bis (2-ethylhexyl) phthalate (DEHP)	0.1	Yes
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.1	Yes
Trixylyl phosphate	0.1	Yes
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	0.1	Yes
Tris (2-chloroethyl) phosphate (TCEP)	0.1	Yes
Shortchain chlorinated paraffins (C10 - C13)	0.1	Yes
Hexabromocyclododecane (HBCDD) and all major diastereoisomers	0.1	Yes
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with greater than or equal to 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	0.1	Yes
Dibutyltin dichloride (DBTC)	0.1	Yes
Lead oxide sulfate	0.1	Yes
[Phthalato(2-)]dioxotrilead	0.1	Yes
Dioxobis(stearato)trilead	0.1	Yes
Fatty acids, C16-18, lead salts	0.1	Yes
Lead dinitrate	0.1	Yes
Pentalead tetraoxide sulphate	0.1	Yes
Sulfurous acid, lead salt, dibasic	0.1	Yes
Tetralead trioxide sulphate	0.1	Yes
Trilead dioxide phosphonate	0.1	Yes
Cobalt dichloride (CoCl <sub>2</sub> )	0.1	Yes
Diarsenic pentoxide	0.1	Yes
Diarsenic trioxide	0.1	Yes
Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Zirconia Aluminosilicate Refractory Ceramic Fibres	0.1	Yes
Tributyl tin oxide (TBTO)	0.1	Yes
Disodium octaborate	0.1	Yes
Boric acid	0.1	Yes
Diboron trioxide	0.1	Yes



Substance	Maximum concentration of substance w/w in any article	Do all articles contain less than 0.1% of the substance?
Disodium tetraborate, anhydrous	0.1	Yes
Tetraboron disodium heptaoxide, hydrate	0.1	Yes
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	0.1	Yes
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	0.1	Yes
Orange lead (lead tetroxide)	0.1	Yes
Lead cyanamidate	0.1	Yes
Pyrochlore, antimony lead yellow	0.1	Yes
4-Aminoazobenzene	0.1	Yes
Lead chromate	0.1	Yes
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1	Yes
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1	Yes
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	0.1	Yes

## Attached parts list

Part number	Part name	Part Mass	Part Mass UoM
9540000000	ZEW 35	6.681	g