



Declaration for Substances of Very High Concern (REACH)

Regulation (EC) No 1907/2006, SVHC list 197 substances updated 15 JAN 2019

Date of Declaration: June 08, 2019

Device Part Number: EFR32BG12P232F1024GM48-CR

ID	Substance Name	EC Number(s) CAS Numbers(s)	Reason for Inclusion on List	Contained in Device		Total Weight (mg) per Device (If Contained)
				Yes	No	
1	1,2,3-Trichloropropane	202-486-1 96-18-4	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
2	1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich	276-158-1 71888-89-6	Toxic for reproduction (article 57c)		X	
3	1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters	271-084-6 68515-42-4	Toxic for reproduction (article 57c)		X	
4	1,2-dichloroethane	203-458-1 107-06-2	Carcinogenic (article 57 a)		X	
5	1-Methyl-2-pyrrolidone	212-828-1 872-50-4	Toxic for reproduction (article 57c)		X	
6	2,2'-dichloro-4,4'-methylenedianiline	202-918-9 101-14-4	Carcinogenic (article 57 a)		X	
7	2,4-Dinitrotoluene	204-450-0 121-14-2	Carcinogenic (article 57a)		X	
8	2-Ethoxyethanol	203-804-1 110-80-5	Toxic for reproduction (article 57c)		X	
9	2-Ethoxyethyl acetate	203-839-2 111-15-9	Toxic for reproduction (article 57c)		X	
10	2-Methoxyaniline; o-Anisidine	201-963-1 90-04-0	Carcinogenic (article 57 a)		X	
11	2-Methoxyethanol	203-713-7 109-86-4	Toxic for reproduction (article 57c)		X	
12	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2 140-66-9	Equivalent level of concern having probable serious effects to the environment (article 57 f)		X	
13	4,4'- Diaminodiphenylmethane (MDA)	202-974-4 101-77-9	Carcinogenic (article 57a)		X	
14	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4 81-15-2	vPvB (article 57e)		X	
15	Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5, 236-881-5 7738-94-5, 13530-68-2	Carcinogenic (article 57a)		X	
16	Acrylamide	201-173-7	Carcinogenic and mutagenic		X	

		79-06-1	(articles 57 a and 57 b)			
17	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5 85535-84-8	PBT and vPvB (articles 57 d and 57 e)		X	
18	Aluminosilicate Refractory Ceramic Fibres	NA Extracted from Index no.: 650-017-00-8	Carcinogenic (article 57 a)		X	
19	Ammonium dichromate	232-143-1 7789-09-5	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)		X	
20	Anthracene	204-371-1 120-12-7	PBT (article 57d)		X	
21	Anthracene oil	292-602-7 90640-80-5	Carcinogenic1, PBT and vPvB (articles 57a, 57d and 57e)		X	
22	Anthracene oil, anthracene paste	292-603-2 90640-81-6	Carcinogenic2, mutagenic3, PBT and vPvB (articles 57a, 57b, 57d and 57e)		X	
23	Anthracene oil, anthracene paste, anthracene fraction	295-275-9 91995-15-2	Carcinogenic2, mutagenic3, PBT and vPvB (articles 57a, 57b, 57d and 57e)		X	
24	Anthracene oil, anthracene paste, distn. lights	295-278-5 91995-17-4	Carcinogenic2, mutagenic3, PBT and vPvB (articles 57a, 57b, 57d and 57e)		X	
25	Anthracene oil, anthracene-low	292-604-8 90640-82-7	Carcinogenic2, mutagenic3, PBT and vPvB (articles 57a, 57b, 57d and 57e)		X	
26	Arsenic acid	231-901-9 7778-39-4	Carcinogenic (article 57 a)		X	
27	Benzyl butyl phthalate (BBP)	201-622-7 85-68-7	Toxic for reproduction (article 57c)		X	
28	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0 117-81-7	2014 addition: Equivalent level of concern having probable serious effects to the environment (Article 57 f); Toxic for reproduction (article 57c)		X	
29	Bis(2-methoxyethyl) ether	203-924-4 111-96-6	Toxic for reproduction (article 57 c)		X	
30	Bis(2-methoxyethyl) phthalate	204-212-6 117-82-8	Toxic for reproduction (article 57 c)		X	
31	Bis(tributyltin)oxide (TBTO)	200-268-0 56-35-9	PBT (article 57d)		X	
32	Boric acid	233-139-2, 234-343-4 10043-35-3, 11113-50-1	Toxic for reproduction (article 57 c)		X	
33	Calcium arsenate	231-904-5 7778-44-1	Carcinogenic (article 57 a)		X	
34	Chromium trioxide	215-607-8	Carcinogenic and mutagenic		X	

		1333-82-0	(articles 57 a and 57 b)			
35	Cobalt dichloride	231-589-4 7646-79-9	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
36	Cobalt(II) carbonate	208-169-4 513-79-1	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
37	Cobalt(II) diacetate	200-755-8 71-48-7	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
38	Cobalt(II) dinitrate	233-402-1 10141-05-6	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
39	Cobalt(II) sulphate	233-334-2 10124-43-3	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
40	Diarsenic pentaoxide	215-116-9 1303-28-2	Carcinogenic (article 57a)		X	
41	Diarsenic trioxide	215-481-4 1327-53-3	Carcinogenic (article 57a)		X	
42	Dibutyl phthalate (DBP)	201-557-4 84-74-2	Toxic for reproduction (article 57c)		X	
43	Dichromium tris(chromate)	246-356-2 24613-89-6	Carcinogenic (article 57 a)		X	
44	Diisobutyl phthalate	201-553-2 84-69-5	Toxic for reproduction (article 57c)		X	
45	Disodium tetraborate, anhydrous	215-540-4 1303-96-4, 1330-43-4, 12179-04-3	Toxic for reproduction (article 57 c)		X	
46	Formaldehyde, oligomeric reaction products with aniline	500-036-1 25214-70-4	Carcinogenic (article 57 a)		X	
47	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9 25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	PBT (article 57d)		X	
48	Hydrazine	206-114-9 302-01-2, 7803-57-8	Carcinogenic (article 57a)		X	
49	Lead chromate	231-846-0 7758-97-6	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
50	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9 12656-85-8	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	

51	Lead diazide, Lead azide	236-542-1 13424-46-9	Toxic for reproduction (article 57 c),		X	
52	Lead dipicrate	229-335-2 6477-64-1	Toxic for reproduction (article 57 c)		X	
53	Lead hydrogen arsenate	232-064-2 7784-40-9	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
54	Lead styphnate	239-290-0 15245-44-0	Toxic for reproduction (article 57 c)		X	
55	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7 1344-37-2	Carcinogenic and toxic for reproduction (articles 57 a and 57 c))		X	
56	N,N-dimethylacetamide	204-826-4 127-19-5	Toxic for reproduction (article 57 c)		X	
57	Pentazinc chromate octahydroxide	256-418-0 49663-84-5	Carcinogenic (article 57 a)		X	
58	Phenolphthalein	201-004-7 77-09-8	Carcinogenic (article 57 a)		X	
59	Pitch, coal tar, high temp.	266-028-2 65996-93-2	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)		X	
60	Potassium chromate	232-140-5 7789-00-6	Carcinogenic and mutagenic (articles 57 a and 57 b).		X	
61	Potassium dichromate	231-906-6 7778-50-9	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)		X	
62	Potassium hydroxyoctaoxodizincatedichromate	234-329-8 11103-86-9	Carcinogenic (article 57 a)		X	
63	Sodium chromate	231-889-5 7775-11-3	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)		X	
64	Sodium dichromate	234-190-3 7789-12-0, 10588-01-9	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)		X	
65	Strontium chromate	232-142-6 7789-06-2	Carcinogenic (article 57a)		X	
66	Tetraboron disodium heptaoxide, hydrate	235-541-3 12267-73-1	Toxic for reproduction (article 57 c)		X	
67	Trichloroethylene	201-167-4 79-01-6	Carcinogenic (article 57 a)		X	
68	Triethyl arsenate	427-700-2 15606-95-8	Carcinogenic (article 57a)		X	
69	Trilead diarsenate	222-979-5 3687-31-8	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)		X	
70	Tris(2-chloroethyl)phosphate	204-118-5 115-96-8	Toxic for reproduction (article 57c)		X	

71	Zirconia Aluminosilicate Refractory Ceramic Fibres	NA Extracted from Index no. 650-017-00-8	Carcinogenic (article 57 a)		X	
72	, -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8 6786-83-0	Carcinogenic (Article 57a)		X	
73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2 101-61-1	Carcinogenic (Article 57a)		X	
74	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (-TGIC)	423-400-0 59653-74-6	Mutagenic (Article 57b)		X	
75	Diboron trioxide	215-125-8 1303-86-2	Toxic for reproduction (Article 57 c)		X	
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3 112-49-2	Toxic for reproduction (Article 57 c)		X	
77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2 561-41-1	Carcinogenic (Article 57a)		X	
78	Lead(II) bis(methanesulfonate)	401-750-5 17570-76-2	Toxic for reproduction (Article 57 c)		X	
79	Formamide	200-842-0 75-12-7	Toxic for reproduction (Article 57 c)		X	
80	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6 548-62-9	Carcinogenic (Article 57a)		X	
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9 110-71-4	Toxic for reproduction (Article 57 c)		X	
82	[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	219-943-6 2580-56-5	Carcinogenic (Article 57a)		X	
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3 2451-62-9	Mutagenic (Article 57b)		X	
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5 90-94-8	Carcinogenic (Article 57a)		X	
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9 1163-19-5	PBT (Article 57 d); vPvB (Article 57 e)		X	
86	Pentacosfluorotridecanoic acid	276-745-2 72629-94-8	vPvB (Article 57 e)		X	
87	Tricosfluorododecanoic acid	206-203-2 307-55-1	vPvB (Article 57 e)		X	

88	Henicosafuoroundecanoic acid	218-165-4 2058-94-8	vPvB (Article 57 e)		X	
89	Heptacosafuorotetradecanoic acid	206-803-4 376-06-7	vPvB (Article 57 e)		X	
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8 123-77-3	Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
91	Methoxyacetic acid	210-894-6 625-45-6	Toxic for reproduction (Article 57 c)		X	
92	N,N-dimethylformamide	200-679-5 68-12-2	Toxic for reproduction (Article 57 c)		X	
93	Dibutyltin dichloride (DBTC)	211-670-0 683-18-1	Toxic for reproduction (Article 57 c)		X	
94	Lead monoxide (Lead oxide)	215-267-0 1317-36-8	Toxic for reproduction (Article 57 c)		X	
95	Orange lead (Lead tetroxide)	215-235-6 1314-41-6	Toxic for reproduction (Article 57 c)		X	
96	Lead bis(tetrafluoroborate)	237-486-0 13814-96-5	Toxic for reproduction (Article 57 c)		X	
97	Trilead bis(carbonate)dihydroxide	215-290-6 1319-46-6	Toxic for reproduction (Article 57 c)		X	
98	Lead titanium trioxide	235-038-9 12060-00-3	Toxic for reproduction (Article 57 c)		X	
99	Lead titanium zirconium oxide	235-727-4 12626-81-2	Toxic for reproduction (Article 57 c)		X	
100	Silicic acid, lead salt	234-363-3 11120-22-2	Toxic for reproduction (Article 57 c)		X	
101	1-bromopropane (n-propyl bromide)	203-445-0 106-94-5	Toxic for reproduction (Article 57 c)		X	
102	Methyloxirane (Propylene oxide)	200-879-2 75-56-9	Carcinogenic (Article 57a); Mutagenic (Article 57b)		X	
103	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2 84777-06-0	Toxic for reproduction (Article 57 c)		X	
104	Diisopentylphthalate (DIPP)	210-088-4 605-50-5	Toxic for reproduction (Article 57 c)		X	
105	N-pentyl-isopentylphthalate	- 776297-69-9	Toxic for reproduction (Article 57 c)		X	
106	1,2-diethoxyethane	211-076-1 629-14-1	Toxic for reproduction (Article 57 c)		X	
107	Acetic acid, lead salt, basic	257-175-3 51404-69-4	Toxic for reproduction (Article 57 c)		X	
108	Lead oxide sulfate	234-853-7 12036-76-9	Toxic for reproduction (Article 57 c)		X	
109	[Phthalato(2-)]dioxotrilead	273-688-5 69011-06-9	Toxic for reproduction (Article 57 c)		X	

110	Dioxobis(stearato)trilead	235-702-8 12578-12-0	Toxic for reproduction (Article 57 c)		X	
111	Fatty acids, C16-18, lead salts	292-966-7 91031-62-8	Toxic for reproduction (Article 57 c)		X	
112	Lead cyanamidate	244-073-9 20837-86-9	Toxic for reproduction (Article 57 c)		X	
113	Lead dinitrate	233-245-9 10099-74-8	Toxic for reproduction (Article 57 c)		X	
114	Pentalead tetraoxide sulphate	235-067-7 12065-90-6	Toxic for reproduction (Article 57 c)		X	
115	Pyrochlore, antimony lead yellow	232-382-1 8012-00-8	Toxic for reproduction (Article 57 c)		X	
116	Sulfurous acid, lead salt, dibasic	263-467-1 62229-08-7	Toxic for reproduction (Article 57 c)		X	
117	Tetraethyllead	201-075-4 78-00-2	Toxic for reproduction (Article 57 c)		X	
118	Tetralead trioxide sulphate	235-380-9 12202-17-4	Toxic for reproduction (Article 57 c)		X	
119	Trilead dioxide phosphonate	235-252-2 12141-20-7	Toxic for reproduction (Article 57 c)		X	
120	Furan	203-727-3 110-00-9	Carcinogenic (Article 57a)		X	
121	Diethyl sulphate	200-589-6 64-67-5	Carcinogenic (Article 57a); Mutagenic (Article 57b)		X	
122	Dimethyl sulphate	201-058-1 77-78-1	Carcinogenic (Article 57a)		X	
123	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7 143860-04-2	Toxic for reproduction (Article 57 c)		X	
124	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7 88-85-7	Toxic for reproduction (Article 57 c)		X	
125	4,4'-methylenedi-o-toluidine	212-658-8 838-88-0	Carcinogenic (Article 57a)		X	
126	4,4'-oxydianiline and its salts	202-977-0 101-80-4	Carcinogenic (Article 57a); Mutagenic (Article 57b)		X	
127	4-aminoazobenzene	200-453-6 60-09-3	Carcinogenic (Article 57a)		X	
128	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1 95-80-7	Carcinogenic (Article 57a)		X	
129	6-methoxy-m-toluidine (p-cresidine)	204-419-1 120-71-8	Carcinogenic (Article 57a)		X	
130	Biphenyl-4-ylamine	202-177-1 92-67-1	Carcinogenic (Article 57a)		X	
131	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	202-591-2 97-56-3	Carcinogenic (Article 57a)		X	
132	o-toluidine	202-429-0	Carcinogenic (Article 57a)		X	

		95-53-4				
133	N-methylacetamide	201-182-6 79-16-3	Toxic for reproduction (Article 57 c)		X	
134	Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped	272-271-5 68784-75-8	Toxic for reproduction (Article 57 c)		X	
135	Cyclohexane-1,2-dicarboxylic anhydride [1]; cis-cyclohexane-1,2-dicarboxylic anhydride [2]; trans-cyclohexane-1,2-dicarboxylic anhydride [3]	201-604-9, 236-086-3, 238-009-9 85-42-7, 13149-00-3, 14166-21-3	Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
136	Hexahydromethylphthalic anhydride [1], ; Hexahydro-4-methylphthalic anhydride [2], ; Hexahydro-1-methylphthalic anhydride [3], ; Hexahydro-3-methylphthalic anhydride [4]	247-094-1, 243-072-0, 256-356-4, 260-566-1 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 & #160;	Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
137	4-Nonylphenol, branched and linear	- -	Equivalent level of concern having probable serious effects to the environment (Article 57 f)		X	
138	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	- -	Equivalent level of concern having probable serious effects to the environment (Article 57 f)		X	
139	Cadmium	231-152-8 7440-43-9	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
140	Ammonium pentadecafluorooctanoate (APFO)	223-320-4 3825-26-1	Toxic for reproduction (Article 57 c); PBT (Article 57 d)		X	
141	Pentadecafluorooctanoic acid (PFOA)	206-397-9 335-67-1	Toxic for reproduction (Article 57 c); PBT (Article 57 d)		X	
142	Dipentyl phthalate (DPP)	205-017-9 131-18-0	Toxic for reproduction (Article 57 c);		X	
143	4-Nonylphenol, branched and linear, ethoxylated	- -	Equivalent level of concern having probable serious effects to the environment (Article 57 f)		X	
144	Cadmium oxide	215-146-2 1306-19-0	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
145	Cadmium sulphide	215-147-8 1306-23-6	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-	209-358-4 573-58-0	Carcinogenic (Article 57a)		X	

	sulphonate) (C.I. Direct Red 28)					
147	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)	217-710-3 1937-37-7	Carcinogenic (Article 57a)		X	
148	Dihexyl phthalate	201-559-5 84-75-3	Toxic for reproduction (Article 57 c)		X	
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9 96-45-7	Toxic for reproduction (Article 57 c)		X	
150	Lead di(acetate)	206-104-4 301-04-2	Toxic for reproduction (Article 57 c)		X	
151	Trixylyl phosphate	246-677-8 25155-23-1	Toxic for reproduction (Article 57 c)		X	
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5 68515-50-4	Toxic for reproduction (Article 57 c)		X	
153	Sodium perborate; perboric acid, sodium salt	39-172-9; 234-390-0 -	Toxic for reproduction (Article 57 c)		X	
154	Sodium peroxometaborate	231-556-4 7632-04-4	Toxic for reproduction (Article 57 c)		X	
155	Cadmium chloride	233-296-7 10108-64-2	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
156	Cadmium sulphate	233-331-6 10124-36-4, 31119-53-6	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
157	Cadmium fluoride	232-222-0 7790-79-6	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)		X	
158	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8 25973-55-1	PBT (Article 57 d); vPvB (Article 57 e)		X	
159	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)	- -	Toxic for reproduction (Article 57 c)		X	

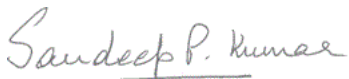
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4 15571-58-1	Toxic for reproduction (Article 57 c)		X	
161	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6 3846-71-7	PBT (Article 57 d); vPvB (Article 57 e)		X	
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 0.3% of dihexyl phthalate (EC No. 201-559-5)	271-094-0; 272-013-1 68515-51-5; 68648-93-1	Toxic for reproduction (Article 57 c)		X	
163	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]	- -	vPvB (Article 57e)		X	
164	Nitrobenzene	202-716-0 98-95-3	Toxic for reproduction (Article 57 c)		X	
165	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1 36437-37-3	vPvB (Article 57 e)		X	
166	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8 3864-99-1	vPvB (Article 57 e)		X	
167	1,3-propanesultone	214-317-9 1120-71-4	Carcinogenic (Article 57 a)		X	
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3 375-95-1; 21049-39-8; 4149-60-4	Toxic for reproduction (Article 57 c) PBT (Article 57 d)		X	
169	Benzo[def]chrysene	200-028-5 50-32-8	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)		X	
170	p-(1,1-dimethylpropyl)phenol	201-280-9 80-46-6	Equivalent level of concern having probable serious effects to environment (Article 57 f)		X	
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts, Ammonium nonadecafluorodecanoate, Decanoic acid, nonadecafluoro-, sodium salt	206-400-3; 221-470-5; - 335-76-2; 3108-42-7; 3830-45-3	Toxic for reproduction (Article 57c) PBT (Article 57 d)		X	
172	4-Heptylphenol, branched and linear	- -	Equivalent level of concern having probable serious effects to environment (Article 57 f)		X	
173	4,4'-isopropylidenediphenol	201-245-8 80-05-7	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment)		X	
174	Perfluorohexane-1-sulphonic acid and its salts	- -	vPvB (Article 57e)		X	

175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	- -	Endocrine disrupting properties (Article 57(f) - environment)		X	
176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	- -	vPvB (Article 57e)		X	
177	Chrysene	205-923-4 218-01-9, 1719-03-5	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)		X	
178	Cadmium nitrate	233-710-6 10022-68-1, 10325-94-7	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)		X	
179	Cadmium hydroxide	244-168-5 21041-95-2	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)		X	
180	Cadmium carbonate	208-168-9 513-78-0	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)		X	
181	Benz[a]anthracene	200-280-6 56-55-3, 1718-53-2	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)		X	
182	Terphenyl, hydrogenated	262-967-7 61788-32-7	vPvB (Article 57e)		X	
183	Octamethylcyclotetrasiloxane D4	209-136-7 556-67-2	PBT (Article 57d) vPvB (Article 57e)		X	
184	Lead	231-100-4 7439-92-1	Toxic for reproduction (Article 57c)		X	
185	Ethylenediamine EDA	203-468-6 107-15-3	Respiratory sensitising properties (Article 57(f) - human health)		X	
186	Dodecamethylcyclohexasiloxane D6	208-762-8 540-97-6	PBT (Article 57d) vPvB (Article 57e)		X	
187	Disodium octaborate	234-541-0 12008-41-2	Toxic for reproduction (Article 57c)		X	
188	Dicyclohexyl phthalate DCHP	201-545-9 84-61-7	Toxic for reproduction (Article 57c); Endocrine disrupting properties (Article 57(f) - human health)		X	
189	Decamethylcyclopentasiloxane D5	208-764-9 541-02-6	PBT (Article 57d) vPvB (Article 57e)		X	
190	Benzo[ghi]perylene	205-883-8 191-24-2	PBT (Article 57d) vPvB (Article 57e)		X	
191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride,	209-008-0	Respiratory sensitising		X	

	trimellitic anhydride; TMA	552-30-7	properties (Article 57(f) - human health)			
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1 6807-17-6	Toxic for reproduction (Article 57c)		X	
193	Benzo[k]fluoranthene	205-916-6 207-08-9	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)		X	
194	Fluoranthene	205-912-4 206-44-0	PBT (Article 57d) vPvB (Article 57e)		X	
195	Phenanthrene	201-581-5 85-01-8	vPvB (Article 57e)		X	
196	Pyrene	204-927-3 129-00-0	PBT (Article 57d) vPvB (Article 57e)		X	
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9 15087-24-8	Endocrine disrupting properties (Article 57(f) - environment)		X	

In addition to the substances listed above, all Silicon Labs' parts meet Annex XIV of REACH and Annex XVII of REACH Directive 76 / 769 / EEC.

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