



Declaration of SVHC / REACH Conformity

2019.03.25

To minimize the environmental impact and take more responsibility to the earth we live, MEAN WELL hereby confirms, to date, based on the feedback from our suppliers indicates that our products shipping to the EU territory comply with the restriction of SVHC (Substances of Very High Concern) in (EC) 1907/2006 (REACH -- Registration, Evaluation, Authorization, and Restriction of Chemicals) regulated by the European Union.

Content of Compliance

For more information about SVHC candidate list, please refer to the following pages

Some of our components contain lead (Pb) [CAS # 7439-92-1; EC # 231-100-4] in a concentration above 0.1 % w/w , but it can comply with RoHS exemption

6(a) Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight

6(b) Lead as an alloying element in aluminium containing up to 0.4% lead weight.

6(c) Copper alloy containing up to 4 % lead by weight.

7(a) Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).

7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

7(c)-II Lead in dielectric ceramic in capacitors for a rated voltage of 125VAC or 250VAC or higher.

15 Lead in solders to complete a viable electrical connection between semiconductor die and carrier with in integrated circuit flit chip package.

MEAN WELL Policy

MEAN WELL will continuously review the ECHA “Candidate List” for additions and updates and act accordingly in compliance with REACH regulations. In the extremely unlikely situation that a MEAN WELL product is found to contain SVHCs more than 1000 ppm by weight, MEAN WELL will comply with the notification procedures to the authorities and recipients required under REACH legislation. In the mean time, MEAN WELL will also use its best efforts to update the design and eliminate the SVHC in the products.

Jerry Lin / President
MEAN WELL Enterprises Co., Lt

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
1	Anthracene	120-12-7	204-371-1	28.10.2008	ED/67/2008
2	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	28.10.2008	ED/67/2008
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	28.10.2008	ED/67/2008
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	28.10.2008	ED/67/2008
5	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	28.10.2008	ED/67/2008
6	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	28.10.2008	ED/67/2008
7	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 3194-55-6	247-148-4 221-695-9 (134237-50-6) (134237-51-7) (134237-52-8)	28.10.2008	ED/67/2008
8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	28.10.2008	ED/67/2008
9	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	28.10.2008	ED/67/2008
10	Cobalt dichloride	7646-79-9	231-589-4	28.10.2008	ED/67/2008
11	Diarsenic pentaoxide	1303-28-2	215-116-9	28.10.2008	ED/67/2008
12	Diarsenic trioxide	1327-53-3	215-481-4	28.10.2008	ED/67/2008
13	Triethyl arsenate	15606-95-8	427-700-2	28.10.2008	ED/67/2008
14	Lead hydrogen arsenate	7784-40-9	232-064-2	28.10.2008	ED/67/2008
15	Sodium dichromate	7789-12-0 10588-01-9	234-190-3	28.10.2008	ED/67/2008

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
16	Anthracene oil	90640-80-5	292-602-7	13.01.2010	ED/68/2009
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	13.01.2010	ED/68/2009
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	13.01.2010	ED/68/2009
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	13.01.2010	ED/68/2009
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	13.01.2010	ED/68/2009
21	Pitch, coal tar, high temp.	65996-93-2	266-028-2	13.01.2010	ED/68/2009
22	2,4-Dinitrotoluene	121-14-2	204-450-0	13.01.2010	ED/68/2009
23	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	13.01.2010	ED/68/2009
24	Lead chromate	7758-97-6	231-846-0	13.01.2010	ED/68/2009
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	13.01.2010	ED/68/2009
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	13.01.2010	ED/68/2009
27	Tris (2-chloroethyl) phosphate	115-96-8	204-118-5	13.01.2010	ED/68/2009
28	Acrylamide	79-06-1	201-173-7	30.03.2010	ED/68/2009
29	Sodium chromate	7775-11-3	231-889-5	18.06.2010	ED/30/2010
30	Ammonium dichromate	7789-09-5	232-143-1	18.06.2010	ED/30/2010

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
31	Potassium dichromate	7778-50-9	231-906-6	18.06.2010	ED/30/2010
32	Potassium chromate	7789-00-6	232-140-5	18.06.2010	ED/30/2010
33	Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	18.06.2010	ED/30/2010
34	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	215-540-4	18.06.2010	ED/30/2010
35	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	18.06.2010	ED/30/2010
36	Trichloroethylene	79-01-6	201-167-4	18.06.2010	ED/30/2010
37	Cobalt(II) sulphate	10124-43-3	233-334-2	03.12.2010	ED/95/2010
38	Cobalt(II) dinitrate	10141-05-6	233-402-1	03.12.2010	ED/95/2010
39	Cobalt(II) carbonate	513-79-1	208-169-4	03.12.2010	ED/95/2010
40	Cobalt(II) diacetate	71-48-7	200-755-8	03.12.2010	ED/95/2010
41	2-Methoxyethanol	109-86-4	203-713-7	03.12.2010	ED/95/2010
42	2-Ethoxyethanol	110-80-5	203-804-1	03.12.2010	ED/95/2010
43	Chromium trioxide	1333-82-0	215-607-8	03.12.2010	ED/95/2010
44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	03.12.2010	ED/95/2010
45	2-ethoxyethyl acetate	111-15-9	203-839-2	20.06.2011	ED/31/2011

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
46	Strontium chromate	7789-06-2	232-142-6	20.06.2011	ED/31/2011
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	20.06.2011	ED/31/2011
48	Hydrazine	7803-57-8 302-01-2	206-114-9	20.06.2011	ED/31/2011
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	20.06.2011	ED/31/2011
50	1,2,3-trichloropropane	96-18-4	202-486-1	20.06.2011	ED/31/2011
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	20.06.2011	ED/31/2011
52	Dichromium tris (chromate)	24613-89-6	246-356-2	19.12.2011	ED/77/2011
53	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	234-329-8	19.12.2011	ED/77/2011
54	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	19.12.2011	ED/77/2011
55	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	19.12.2011	ED/77/2011
56	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	19.12.2011	ED/77/2011
57	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	19.12.2011	ED/77/2011
58	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	19.12.2011	ED/77/2011
59	1,2-Dichloroethane	107-06-2	203-458-1	19.12.2011	ED/77/2011
60	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	19.12.2011	ED/77/2011

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
61	Arsenic acid	7778-39-4	231-901-9	19.12.2011	ED/77/2011
62	Calcium arsenate	7778-44-1	231-904-5	19.12.2011	ED/77/2011
63	Trilead diarsenate	3687-31-8	222-979-5	19.12.2011	ED/77/2011
64	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	19.12.2011	ED/77/2011
65	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	19.12.2011	ED/77/2011
66	Phenolphthalein	77-09-8	201-004-7	19.12.2011	ED/77/2011
67	Lead diazide, Lead azide	13424-46-9	236-542-1	19.12.2011	ED/77/2011
68	Lead styphnate	15245-44-0	239-290-0	19.12.2011	ED/77/2011
69	Lead dipicrate	6477-64-1	229-335-2	19.12.2011	ED/77/2011
70	Aluminosilicate, Refractroy Ceramic Fibres oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges	650-017-00-8**	-----	19.12.2011	ED/77/2011
71	Zirconia Aluminosilicate, Refractory Ceramic Fibres oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges	650-017-00-8**	-----	19.12.2011	ED/77/2011
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	18.6.2012	ED/87/2012
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	18.6.2012	ED/87/2012
74	Diboron trioxide	1303-86-2	215-125-8	18.6.2012	ED/87/2012

Substance Identification				Date of Inclusion	Decision Number
	Substance name	CAS number	EC number		
75	Formamide	75-12-7	200-842-0	18.6.2012	ED/87/2012
76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	18.6.2012	ED/87/2012
77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	18.6.2012	ED/87/2012
78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6	423-400-0	18.6.2012	ED/87/2012
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	18.6.2012	ED/87/2012
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	18.6.2012	ED/87/2012
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	208-953-6	18.6.2012	ED/87/2012
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	219-943-6	18.6.2012	ED/87/2012
83	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	229-851-8	18.6.2012	ED/87/2012
84	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	209-218-2	18.6.2012	ED/87/2012
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	19.12.2012	ED/169/2012
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	19.12.2012	ED/169/2012

Substance Identification				Date of Inclusion	Decision Number
	Substance name	CAS number	EC number		
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	19.12.2012	ED/169/2012
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	19.12.2012	ED/169/2012
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	19.12.2012	ED/169/2012
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <i>[covering well-defined substances and UVCB substances, polymers and homologues]</i>	-----	-----	19.12.2012	ED/169/2012
91	4-Nonylphenol, branched and linear <i>[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]</i>	-----	-----	19.12.2012	ED/169/2012
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	19.12.2012	ED/169/2012
93	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[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]</i>	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	19.12.2012	ED/169/2012
94	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	19.12.2012	ED/169/2012
95	Methoxy acetic acid	625-45-6	210-894-6	19.12.2012	ED/169/2012
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	19.12.2012	ED/169/2012

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
97	Diisopentylphthalate	605-50-5	210-088-4	19.12.2012	ED/169/2012
98	N-pentyl-isopentylphthalate	776297-69-9	-----	19.12.2012	ED/169/2012
99	1,2-Diethoxyethane	629-14-1	211-076-1	19.12.2012	ED/169/2012
100	N,N-dimethylformamide; dimethyl formamide	200-679-5	200-679-5	19.12.2012	ED/169/2012
101	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	19.12.2012	ED/169/2012
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	19.12.2012	ED/169/2012
103	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	19.12.2012	ED/169/2012
104	Lead oxide sulfate	12036-76-9	234-853-7	19.12.2012	ED/169/2012
105	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	19.12.2012	ED/169/2012
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	19.12.2012	ED/169/2012
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	19.12.2012	ED/169/2012
108	Lead cyanamidate	20837-86-9	244-073-9	19.12.2012	ED/169/2012
109	Lead dinitrate	10099-74-8	233-245-9	19.12.2012	ED/169/2012
110	Lead oxide (lead monoxide)	1317-36-8	215-267-0	19.12.2012	ED/169/2012
111	Lead tetroxide (orange lead)	1314-41-6	215-235-6	19.12.2012	ED/169/2012

Substance Identification				Date of Inclusion	Decision Number
	Substance name	CAS number	EC number		
112	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	19.12.2012	ED/169/2012
113	Silicic acid, lead salt	11120-22-2	234-363-3	19.12.2012	ED/169/2012
114	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	19.12.2012	ED/169/2012
115	Tetraethyllead	78-00-2	201-075-4	19.12.2012	ED/169/2012
116	Tetralead trioxide sulphate	12202-17-4	235-380-9	19.12.2012	ED/169/2012
117	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	19.12.2012	ED/169/2012
118	Lead titanium trioxide	12060-00-3	235-038-9	19.12.2012	ED/169/2012
119	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	19.12.2012	ED/169/2012
120	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	19.12.2012	ED/169/2012
121	Trilead dioxide phosphonate	12141-20-7	235-252-2	19.12.2012	ED/169/2012
122	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	19.12.2012	ED/169/2012
123	Furan	110-00-9	203-727-3	19.12.2012	ED/169/2012
124	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	19.12.2012	ED/169/2012
125	Diethyl sulphate	64-67-5	200-589-6	19.12.2012	ED/169/2012
126	Dimethyl sulphate	77-78-1	201-058-1	19.12.2012	ED/169/2012

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	19.12.2012	ED/169/2012
128	Dinoseb	88-85-7	201-861-7	19.12.2012	ED/169/2012
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	19.12.2012	ED/169/2012
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	19.12.2012	ED/169/2012
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	19.12.2012	ED/169/2012
132	4-methyl-m-phenylenediamine (2,4-toluenediamine)	95-80-7	202-453-1	19.12.2012	ED/169/2012
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	19.12.2012	ED/169/2012
134	Biphenyl-4-ylamine	92-67-1	202-177-1	19.12.2012	ED/169/2012
135	o-aminoazotoluene	97-56-3	202-591-2	19.12.2012	ED/169/2012
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	19.12.2012	ED/169/2012
137	N-methylacetamide	79-16-3	201-182-6	19.12.2012	ED/169/2012
138	1-bromopropane	106-94-5	203-445-0	19.12.2012	ED/169/2012
139	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	20.06.2013	ED/69/2013
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	20.06.2013	ED/69/2013
141	Cadmium oxide *2	1306-19-0	215-146-2	20.06.2013	ED/69/2013

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
142	Cadmium	7440-43-9	231-152-8	20.06.2013	ED/69/2013
143	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]			20.06.2013	ED/69/2013
144	Dipentyl phthalate (DPP)	131-18-0	205-017-9	20.06.2013	ED/69/2013
145	Cadmium sulphide*2	1306-23-6	215-147-8	16.12.2013	ED/121/2013
146	Dihexyl phthalate	84-75-3	201-559-5	16.12.2013	ED/121/2013
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	16.12.2013	ED/121/2013
148	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)	1937-37-7	217-710-3	16.12.2013	ED/121/2013
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	16.12.2013	ED/121/2013
150	Lead di(acetate)*2	301-04-2	206-104-4	16.12.2013	ED/121/2013
151	Trixylyl phosphate	25155-23-1	246-677-8	16.12.2013	ED/121/2013
152	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68515-50-4	271-093-5	16.06.2014	ED/49/2014
153	Cadmium chloride	10108-64-2	233-296-7	16.06.2014	ED/49/2014

Substance Identification				Date of Inclusion	Decision Number
	Substance name	CAS number	EC number		
154	Sodium peroxometaborate	7632-04-4	231-556-4	16.06.2014	ED/49/2014
155	Sodium perborate,perboric acid, sodium salt	15120-21-5	239-172-9 234-390-0	16.06.2014	ED/49/2014
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	17.12.2014	ED/108/2014
157	Cadmium sulphate	10124-36-4 31119-53-6	233-331-6	17.12.2014	ED/108/2014
158	Cadmium fluoride	7790-79-6	232-222-0	17.12.2014	ED/108/2014
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)			17.12.2014	ED/108/2014
160	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	17.12.2014	ED/108/2014
161	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	17.12.2014	ED/108/2014
162	C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	271-094-0 272-013-1	68515-51-5 68648-93-1	15.06.2015	ED/39/2015
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]	-----	-----	15.06.2015	ED/39/2015
164	Perfluorononan-1-ic-acid and its sodium and ammonium salts	4149-60-4 375-95-1 21049-39-8	206-801-3	17.12.2015	ED/79/2015
165	Nitrobenzene	98-95-3	202-716-0	17.12.2015	ED/79/2015

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	17.12.2015	ED/79/2015
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	17.12.2015	ED/79/2015
168	1,3-propanesultone	1120-71-4	214-317-9	17.12.2015	ED/79/2015
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	20.06.2016	ED/21/2016
170	4,4'-isopropylidenediphenol	80-05-7	201-245-8	12.01.2017	ED/01/2017
171	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	-----	-----	12.01.2017	ED/01/2017
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5	12.01.2017	ED/01/2017
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	12.01.2017	ED/01/2017
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	206-587-1	07.07.2017	ED/30/2017
175	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]			15.01.2018	ED/01/2018
176	Benz[a]anthracene	56-55-3	200-280-6	15.01.2018	ED/01/2018
177	Cadmium nitrate	10325-94-7	233-710-6	15.01.2018	ED/01/2018

Substance Identification				Date of Inclusion	Decision Number
Substance name	CAS number	EC number			
178	Cadmium carbonate	513-78-0	208-168-9	15.01.2018	ED/01/2018
179	Cadmium hydroxide	21041-95-2	244-168-5	15.01.2018	ED/01/2018
180	Chrysene	218-01-9	205-923-4	15.01.2018	ED/01/2018
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RPHP) [with \geq 0.1% w/w 4-heptylphenol, branched and linear] with \geq 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	50-32-8	200-028-5	15.01.2018	ED/01/2018
182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	27.06.2018	ED/61/2018 EU/2018/594
183	Benzo[ghi]perylene	191-24-2	205-883-8	27.06.2018	ED/61/2018
184	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	27.06.2018	ED/61/2018
185	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	27.06.2018	ED/61/2018 EU/2018/636
186	Disodium octaborate	12008-41-2	234-541-0	27.06.2018	ED/61/2018
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	27.06.2018	ED/61/2018
188	Ethylenediamine (EDA)	107-15-3	203-468-6	27.06.2018	ED/61/2018
189	Lead	7439-92-1	231-100-4	27.06.2018	ED/61/2018
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	27.06.2018	ED/61/2018
191	Terphenyl hydrogenated	61778-32-7	262-967-7	27.06.2018	ED/61/2018
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	15/01/2019	ED/88/2018

Substance Identification				Date of Inclusion	Decision Number
	Substance name	CAS number	EC number		
193	Benzo[k]fluoranthene	207-08-9	205-916-6	15/01/2019	ED/88/2018
194	Fluoranthene	206-44-0	205-912-4	15/01/2019	ED/88/2018
195	Phenanthrene	85-01-8	201-581-5	15/01/2019	ED/88/2018
196	Pyrene	129-00-0	204-927-3	15/01/2019	ED/88/2018
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9	15/01/2019	ED/88/2018 EU/2018/2013