

DATE:2024/3/22

## Certificate of REACH compliance

We, SUSUMU Co., Ltd. hereby certify that the products listed below are fully compliant with REACH in respect of the following substances:

Product:

URG Series, SRG Series, RG Series, RGT Series, NRG Series, PRG Series, HRG Series,  
MRG Series, RGA Series, RR Series, RT Series, RM Series, KRL Series, PRL Series,  
RL Series, YJP Series, PCMB Series, PS Series, PAT Series, PXV Series, PCS Series, HPT Series

Substance List :

REACH 30<sup>th</sup> (2024/1/23) Substance of Very High Concern (SVHC) List

Signature Hiroyoshi Hosomizo

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Quality Assurance section  
SUSUMU Co., Ltd.



## Substance of Very High Concern (SVHC) List

No.	Substance name	EC No.	CAS No.	Remarks
1	Anthracene	204-371-1	120-12-7	first (2008/10/28)
2	4,4'- Diaminodiphenylmethane	202-974-4	101-77-9	first (2008/10/28)
3	Dibutyl phthalate	201-557-4	84-74-2	first (2008/10/28)
4	Cobalt dichloride	231-589-4	7646-79-9	first (2008/10/28)
5	Diarsenic pentaoxide	215-116-9	1303-28-2	first (2008/10/28)
6	Diarsenic trioxide	215-481-4	1327-53-3	first (2008/10/28)
7	Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	first (2008/10/28)
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	first (2008/10/28)
9	Bis (2-ethyl(hexyl)phthalate)	204-211-0	117-81-7	first (2008/10/28)
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	247-148-4, 221-695-9	134237-50-6, 134237-51-7, 134237-52-8	first (2008/10/28)
11	Alkanes, C10-13, chloro (Short Chain ChlorinatedParaffins)	287-476-5	85535-84-8	first (2008/10/28)
12	Bis(tributyltin)oxide	200-268-0	56-35-9	first (2008/10/28)
13	Lead hydrogen arsenate	232-064-2	7784-40-9	first (2008/10/28)
14	Benzyl butyl phthalate	201-622-7	85-68-7	first (2008/10/28)
15	Triethyl arsenate	427-700-2	15606-95-8	first (2008/10/28)
16	Anthracene oil	292-602-7	90640-80-5	second (2010/1/13)
17	Anthracene oil,anthracene paste,distn. Lights	295-278-5	91995-17-4	second (2010/1/13)
18	Anthracene oil,anthracene paste,anthracene fraction	295-275-9	91995-15-2	second (2010/1/13)
19	Anthracene oil,anthracene-low	292-604-8	90640-82-7	second (2010/1/13)
20	Anthracene oil,anthracene paste	292-603-2	90640-81-6	second (2010/1/13)
21	Coal tar pitch,high temperature	266-028-2	65996-93-2	second (2010/1/13)
22	2,4-Dinitrotoluene	204-450-0	121-14-2	second (2010/1/13)
23	Diisobutyl phthalate	201-553-2	84-69-5	second (2010/1/13)
24	Lead chromate	231-846-0	7758-97-6	second (2010/1/13)
25	Lead chromate molybdatesulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	second (2010/1/13)
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	second (2010/1/13)
27	Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	second (2010/1/13)
28	Acrylamide	201-173-7	79-06-1	second (2010/1/13)
29	Trichloroethylene	201-167-4	79-01-6	third (2010/6/18)
30	Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	third (2010/6/18)
31	Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	third (2010/6/18)

32	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	third (2010/6/18)
33	Sodium chromate	231-889-5	7775-11-3	third (2010/6/18)
34	Potassium chromate	232-140-5	7789-00-6	third (2010/6/18)
35	Ammonium dichromate	232-143-1	7789-09-5	third (2010/6/18)
36	Potassium dichromate	231-906-6	7778-50-9	third (2010/6/18)
37	Chromium trioxide	215-607-8	1333-82-0	Fourth (2010/12/15)
38	Acids generated from chromium trioxide and their oligomers,Chromic acid,Oligomers of chromic acid and dichromic acid,Dichromic acid	- 231-801-5 - 236-881-5	- 7738-94-5 - 13530-68-2	Fourth (2010/12/15)
39	Cobalt( II ) sulphate	233-334-2	10124-43-3	Fourth (2010/12/15)
40	Cobalt( II ) dinitrate	233-402-1	10141-05-6	Fourth (2010/12/15)
41	Cobalt( II ) carbonate	231-589-4	513-79-1	Fourth (2010/12/15)
42	Cobalt( II ) diacetate	200-755-8	71-48-7	Fourth (2010/12/15)
43	2-Methoxyethanol	203-713-7	109-86-4	Fourth (2010/12/15)
44	2-Ethoxyethanol	203-804-1	110-80-5	Fourth (2010/12/15)
45	2-Ethoxyethyl acetate	203-839-2	111-15-9	Fifth (2011/6/20)
46	strontium chromate	232-142-6	7789-06-2	Fifth (2011/6/20)
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters [DHNUP]	271-084-6	68515-42-4	Fifth (2011/6/20)
48	Hydrazine	206-114-9	7803-57-8, 302-01-2	Fifth (2011/6/20)
49	1-Methyl-2-pyrrolidone	212-828-1	872-50-4	Fifth (2011/6/20)
50	1,2,3-Trichloropropane [TCP]	202-486-1	96-18-4	Fifth (2011/6/20)
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich [DIHP]	276-158-1	71888-89-6	Fifth (2011/6/20)
52	Dichromium tris(chromate)	246-356-2	24613-89-6	Sixth (2011/12/19)
53	Potassium hydroxyoctaoxodizincatedi-chromate	234-329-8	11103-86-9	Sixth (2011/12/19)
54	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	Sixth (2011/12/19)
55	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	Sixth (2011/12/19)

56	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres ( $\mu\text{m}$ ) c) alkaline oxide and alkali earth oxide ( $\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$ ) content less or equal to 18% by weight	-	-	Sixth (2011/12/19)
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	Sixth (2011/12/19)
58	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	Sixth (2011/12/19)
59	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	Sixth (2011/12/19)
60	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	205-426-2	140-66-9	Sixth (2011/12/19)
61	1,2-Dichloroethane	203-458-1	107-06-2	Sixth (2011/12/19)
62	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	Sixth (2011/12/19)
63	Arsenic acid	231-901-9	7778-39-4	Sixth (2011/12/19)
64	Calcium arsenate	231-904-5	7778-44-1	Sixth (2011/12/19)
65	Trilead diarsenate	222-979-5	3687-31-8	Sixth (2011/12/19)
66	N, N-dimethylacetamide (DMAC)	204-826-4	127-19-5	Sixth (2011/12/19)
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	101-14-4	Sixth (2011/12/19)
68	Phenolphthalein	201-004-7	77-09-8	Sixth (2011/12/19)
69	Lead azide Lead diazide	236-542-1	13424-46-9	Sixth (2011/12/19)
70	Lead styphnate	239-290-0	15245-44-0	Sixth (2011/12/19)
71	Lead dipicrate	229-335-2	6477-64-1	Sixth (2011/12/19)
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	203-977-3	112-49-2	Seventh (2012/6/18)
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	Seventh (2012/6/18)
74	Diboron trioxide	215-125-8	1303-86-2	Seventh (2012/6/18)
75	Formamide	200-842-0	75-12-7	Seventh (2012/6/18)
76	Lead (II) bis(methanesulfonate)	401-750-5	17570-76-2	Seventh (2012/6/18)
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	219-514-3	2451-62-9	Seventh (2012/6/18)
78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	423-400-0	59653-74-6	Seventh (2012/6/18)
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	Seventh (2012/6/18)
80	N, N, N', N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	Seventh (2012/6/18)
81	[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)]	219-943-6	2580-56-5	Seventh (2012/6/18)
82	[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)]	208-953-6	548-62-9	Seventh (2012/6/18)
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq$ 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	Seventh (2012/6/18)

84	$\alpha, \alpha$ -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)]	229-851-8	6786-83-0	Seventh (2012/6/18)
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	Eighth (2012/12/19)
86	Pentacosaflluorotridecanoic acid	276-745-2	72629-94-8	Eighth (2012/12/19)
87	Tricosaflluorododecanoic acid	206-203-2	307-55-1	Eighth (2012/12/19)
88	Henicosaflluoroundecanoic acid	218-165-4	2058-94-8	Eighth (2012/12/19)
89	Heptacosaflluorotetradecanoic acid	206-803-4	376-06-7	Eighth (2012/12/19)
90	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated – covering well-defined substances and UVCB substances, polymers and homologues	-	-	Eighth (2012/12/19)
91	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	-	-	Eighth (2012/12/19)
92	Diazene-1,2-dicarboxamide (C, C'-azodi(formamide))	204-650-8	123-77-3	Eighth (2012/12/19)
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride – HHPA)	201-604-9	85-42-7	Eighth (2012/12/19)
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	Eighth (2012/12/19)
95	Methoxy acetic acid	210-894-6	625-45-6	Eighth (2012/12/19)
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	Eighth (2012/12/19)
97	Diisopentylphthalate (DIPP)	210-088-4	605-50-5	Eighth (2012/12/19)
98	N-pentyl-isopentylphthalate	-	-	Eighth (2012/12/19)
99	1,2-Diethoxyethane	211-076-1	629-14-1	Eighth (2012/12/19)
100	N, N-dimethylformamide; dimethyl formamide	200-679-5	68-12-2	Eighth (2012/12/19)
101	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	Eighth (2012/12/19)
102	Acetic acid, lead salt, basic	257-175-3	51404-69-4	Eighth (2012/12/19)
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	215-290-6	1319-46-6	Eighth (2012/12/19)
104	Lead oxide sulfate (basic lead sulfate)	234-853-7	12036-76-9	Eighth (2012/12/19)
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	273-688-5	69011-06-9	Eighth (2012/12/19)
106	Dioxobis(stearato)trilead	235-702-8	12578-12-0	Eighth (2012/12/19)
107	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	Eighth (2012/12/19)
108	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	Eighth (2012/12/19)
109	Lead cyanidate	244-073-9	20837-86-9	Eighth (2012/12/19)
110	Lead dinitrate	233-245-9	10099-74-8	Eighth (2012/12/19)
111	Lead oxide (lead monoxide)	215-267-0	1317-36-8	Eighth (2012/12/19)
112	Lead tetroxide (orange lead)	215-235-6	1314-41-6	Eighth (2012/12/19)
113	Lead titanium trioxide	235-038-9	12060-00-3	Eighth (2012/12/19)
114	Lead Titanium Zirconium Oxide	235-727-4	12626-81-2	Eighth (2012/12/19)

115	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	Eighth (2012/12/19)
116	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	Eighth (2012/12/19)
117	Silicic acid, barium salt, lead-doped	272-271-5	68784-75-8	Eighth (2012/12/19)
118	Silicic acid, lead salt	234-363-3	11120-22-2	Eighth (2012/12/19)
119	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	Eighth (2012/12/19)
120	Tetraethyllead	201-075-4	78-00-2	Eighth (2012/12/19)
121	Tetralead trioxide sulphate	235-380-9	12202-17-4	Eighth (2012/12/19)
122	Trilead dioxide phosphonate	235-252-2	12141-20-7	Eighth (2012/12/19)
123	Furan	203-727-3	110-00-9	Eighth (2012/12/19)
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	75-56-9	Eighth (2012/12/19)
125	Diethyl sulphate	200-589-6	64-67-5	Eighth (2012/12/19)
126	Dimethyl sulphate	201-058-1	77-78-1	Eighth (2012/12/19)
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	Eighth (2012/12/19)
128	Dinoseb	201-861-7	88-85-7	Eighth (2012/12/19)
129	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	Eighth (2012/12/19)
130	4,4'-oxydianiline and its salts	202-977-0	101-80-4	Eighth (2012/12/19)
131	4-Aminoazobenzene; 4-Phenylazoaniline	200-453-6	60-09-3	Eighth (2012/12/19)
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	202-453-1	95-80-7	Eighth (2012/12/19)
133	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	Eighth (2012/12/19)
134	Biphenyl-4-ylamine	202-177-1	92-67-1	Eighth (2012/12/19)
135	o-aminoazotoluene	202-591-2	97-56-3	Eighth (2012/12/19)
136	o-Toluidine; 2-Aminotoluene	202-429-0	95-53-4	Eighth (2012/12/19)
137	N-methylacetamide	201-182-6	79-16-3	Eighth (2012/12/19)
138	1-bromopropane; n-propyl bromide	203-445-0	106-94-5	Eighth (2012/12/19)
139	Cadmium	231-152-8	7440-43-9	Ninth (2013/6/20)
140	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	Ninth (2013/6/20)
141	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	Ninth (2013/6/20)
142	Dipentyl phthalate (DPP)	205-017-9	131-18-0	Ninth (2013/6/20)
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]	-	-	Ninth (2013/6/20)
144	Cadmium oxide	215-146-2	1306-19-0	Ninth (2013/6/20)
145	Cadmium sulphide	215-147-8	1306-23-6	Tenth (2013/12/16)
146	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	Tenth (2013/12/16)

147	Dihexyl phthalate	201-559-5	84-75-3	Tenth (2013/12/16)
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	Tenth (2013/12/16)
149	Trixylyl phosphate	246-677-8	25155-23-1	Tenth (2013/12/16)
150	3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	Tenth (2013/12/16)
151	Lead di(acetate)	206-104-4	301-04-2	Tenth (2013/12/16)
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	Eleventh (2014/03/03)
153	Cadmium chloride	233-296-7	10108-64-2	Eleventh (2014/03/03)
154	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	-	Eleventh (2014/03/03)
155	Sodium peroxometaborate	231-556-4	7632-04-4	Eleventh (2014/03/03)
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	Twelfth (2014/12/17)
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	Twelfth (2014/12/17)
158	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)	-	-	Twelfth (2014/12/17)
159	Cadmium sulphate	233-331-6	10124-36-4	Twelfth (2014/12/17)
160	Cadmium fluoride	232-222-0	7790-79-6	Twelfth (2014/12/17)
161	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	Twelfth (2014/12/17)
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	68515-51-5 68648-93-1	thirteenth (2015/06/15)
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]	-	-	thirteenth (2015/06/15)
164	Nitrobenzene	202-716-0	98-95-3	Fourteenth (2015/12/17)
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	223-383-8	3864-99-1	Fourteenth (2015/12/17)
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	253-037-1	36437-37-3	Fourteenth (2015/12/17)
167	1,3-propanesultone	214-317-9	1120-71-4	Fourteenth (2015/12/17)
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7, 8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts	206-801-3	375-95-1, 21049-39-8, 4149-60-4	Fourteenth (2015/12/17)
169	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	Fifteenth (2016/6/20)
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7	Sixteenth (2017/1/12)
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3, -, 221-470-5,	335-76-2 3830-45-3 3108-42-7	Sixteenth (2017/1/12)
172	p-(1,1-dimethylpropyl) phenol	201-280-9	80-46-6	Sixteenth (2017/1/12)
173	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]	-	-	Sixteenth (2017/1/12)

174	Perfluorohexane-1-sulphonic acid and its salts	206-587-1	355-46-4	Seventeenth (2017/7/7)
175	Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2	Eighteenth (2018/1/15)
176	Cadmium carbonate	208-168-9	513-78-0	Eighteenth (2018/1/15)
177	Cadmium hydroxide	244-168-5	21041-95-2	Eighteenth (2018/1/15)
178	Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	Eighteenth (2018/1/15)
179	Cadmium nitrate	205-923-4	218-01-9, 1719-03-5	Eighteenth (2018/1/15)
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.1.6,9.02,13.05,10] octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	13560-89-9 135821-74-8 135821-03-3	Eighteenth (2018/1/15)
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥ 0.1% w/w 4-heptylphenol, branched and linear]	-	-	Eighteenth (2018/1/15)
182	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	Nineteenth (2018/6/27)
183	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	Nineteenth (2018/6/27)
184	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6	Nineteenth (2018/6/27)
185	Lead	231-100-4	7439-92-1	Nineteenth (2018/6/27)
186	Disodium octaborate	234-541-0	12008-41-2	Nineteenth (2018/6/27)
187	Benzo[ghi]perylene	205-883-8	191-24-2	Nineteenth (2018/6/27)
188	Terphenyl hydrogenated	262-967-7	61788-32-7	Nineteenth (2018/6/27)
189	Ethylenediamine	203-468-6	107-15-3	Nineteenth (2018/6/27)
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	209-008-0	552-30-7	Nineteenth (2018/6/27)
191	Dicyclohexyl phthalate (DCHP)	201-541-59	84-61-7	Nineteenth (2018/6/27)
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	Twenty (2019/1/15)
193	Benzo[k]fluoranthene	205-916-6	207-08-9	Twenty (2019/1/15)
194	Fluoranthene	205-912-4	206-44-0	Twenty (2019/1/15)
195	Phenanthrene	201-581-5	85-01-8	Twenty (2019/1/15)
196	Pyrene	204-927-3	129-00-0	Twenty (2019/1/15)
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	239-139-9	15087-24-8	Twenty (2019/1/15)
198	2-methoxyethyl acetate	203-772-9	110-49-6	Twenty-first (2019/7/16)
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	Twenty-first (2019/7/16)
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	-	Twenty-first (2019/7/16)
201	4-tert-butylphenol	202-679-0	98-54-4	Twenty-first (2019/7/16)
202	Diisohexyl phthalate	276-090-2	71850-09-4	Twenty-second (2020/1/16)
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	Twenty-second (2020/1/16)



204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	Twenty-second (2020/1/16)
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	Twenty-second (2020/1/16)
206	1-vinylimidazole	214-012-0	1072-63-5	Twenty-third (2020/6/17)
207	2-methylimidazole	211-765-7	693-98-1	Twenty-third (2020/6/17)
208	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	Twenty-third (2020/6/17)
209	Dibutylbis(pentane-2,4-dionato-O, O')tin	245-152-0	22673-19-4	Twenty-third (2020/6/17)
210	bis(2-(2-methoxyethoxy) ethyl) ether	205-594-7	143-24-8	Twenty-fourth (2021/1/19)
211	Dioctyltin dilaurate, stannane, dioctyl-, bis (coco acyloxy) derivs., and any other stannane, dioctyl-, bis (fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	Twenty-fourth (2021/1/19)
212	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	-	-	Twenty-fifth (2021/7/8)
213	Orthoboric acid, sodium salt	237-560-2	13840-56-7	Twenty-fifth (2021/7/8)
214	2,2-bis(bromomethyl)propane 1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	221-967-7 253-057-0 202-480-9	3296-90-0 36483-57-5 1522-92-5 96-13-9	Twenty-fifth (2021/7/8)
215	Glutaral	203-856-5	111-30-8	Twenty-fifth (2021/7/8)
216	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	-	Twenty-fifth (2021/7/8)
217	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	Twenty-fifth (2021/7/8)
218	1,4-dioxane	204-661-8	123-91-1	Twenty-fifth (2021/7/8)
219	4,4'-(1-methylpropylidene) bisphenol; (bisphenol B)	201-025-1	77-40-7	Twenty-fifth (2021/7/8)
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	Twenty-sixth (2022/1/17)
221	tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	Twenty-sixth (2022/1/17)
222	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	-	Twenty-sixth (2022/1/17)
223	S-(tricyclo(5.2.1.0 <sup>2,6</sup> )deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8	Twenty-sixth (2022/1/17)
224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	Twenty-seventh (2022/6/10)
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	Twenty-eighth (2023/1/17)
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	Twenty-eighth (2023/1/17)
227	4,4'-sulphonyldiphenol	201-250-5	80-09-1	Twenty-eighth (2023/1/17)
228	Barium diboron tetraoxide	237-222-4	13701-59-2	Twenty-eighth (2023/1/17)
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	Twenty-eighth (2023/1/17)
230	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	Twenty-eighth (2023/1/17)
231	Melamine	203-615-4	108-78-1	Twenty-eighth (2023/1/17)

232	Perfluoroheptanoic acid and its salts	-	-	Twenty- eighth (2023/1/17)
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	-	Twenty- eighth (2023/1/17)
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	Twenty- ninth (2023/6/14)
235	Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	Twenty- ninth (2023/6/14)
236	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	Thirty (2024/1/23)
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	3147-75-9	Thirty (2024/1/23)
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl] butan-1-one	438-340-0	119344-86-4	Thirty (2024/1/23)
239	Bumetrizole (UV-326)	223-445-4	3896-11-5	Thirty (2024/1/23)
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	Thirty (2024/1/23)