

**RISK ASSESSMENT OF ARTICLES: SCREENING OF SUBSTANCES OF VERY HIGH CONCERN (SVHC)  
SUBJECT TO THE CANDIDATE LIST BY EUROPEAN CHEMICAL AGENCY (ECHA) ACCORDING TO  
REGULATION (EC) NO.1907/2006 OF REACH AND ITS AMENDMENTS.**

**Total Number: 247 Entries (Updated on 21-Jan-2025)**

<b>S.N.</b>	<b>Chemical Name</b>	<b>CAS Number</b>
247	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8
246	Perfluamine	338-83-0
245	Octamethyltrisiloxane	107-51-7
244	O,O,O-triphenyl phosphorothioate	597-82-0
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8
242	Triphenyl phosphate	115-86-6
241	Bis( $\alpha,\alpha$ -dimethylbenzyl) peroxide	80-43-3
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated	68512-30-1
239	Bumetrizole (UV-326)	3896-11-5'
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9
236	2,4,6-tri-tert-butylphenol	732-26-3
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
234	Bis(4-chlorophenyl) sulphone	80-07-9
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	-
232	perfluoroheptanoic acid and its salts Ammonium perfluoroheptanoate EC No.: 228-098-2   CAS No.: 6130-43-4 potassium perfluoroheptanoate EC No.: -   CAS No.: 21049-36-5 Perfluoroheptanoic acid EC No.: 206-798-9   CAS No.: 375-85-9 Sodium perfluoroheptanoate EC No.: 243-518-4   CAS No.: 20109-59-5	-
231	Melamine	108-78-1

230	Isobutyl 4-hydroxybenzoate	03-02-47
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate EC No.: 247-426-5   CAS No.: 26040-51-7	26040-51-7
228	Barium diboron tetraoxide	13701-59-2
227	4,4'-sulphonyldiphenol	80-09-1
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
225	1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	37853-59-1
224	N-(hydroxymethyl)acrylamide	924-42-5
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4
222	S-(tricyclo(5.2.1.0 <sup>2</sup> .6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate(X4261)	255881-94-8
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1
220	(±)-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)	1782069-81-1, 95342-41-9, 852541-25-4, 36861-47-9, 741687-98-9, 852541-30-1, 852541-21-0
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	210555-94-5, 27459-10-5, 27147-75-7, 121158-58-5, 74499-35-7, 57427-55-1
218	orthoboric acid, sodium salt	25747-83-5, 22454-04-2, 14312-40-4, 1333-73-9, 13840-56-7, 14890-53-0

217	Medium-chain chlorinated paraffins (MCCP)	1372804-76-6, 85535-85-9, 198840-65-2
216	glutaral	111-30-8
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	75166-31-3, 80-54-6, 75166-30-2
213	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)	1522-92-5, 36483-57-5, 3296-90-0, 96-13-9
212	1,4-dioxane	123-91-1
211	Diocetyl tin 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	-
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
208	butyl 4-hydroxybenzoate	94-26-8
207	2-methylimidazole	693-98-1
206	1-vinylimidazole	1072-63-5
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
202	Diisohexyl phthalate	71850-09-4
201	2-methoxyethyl acetate	110-49-6
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-
199	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-

198	4-tert-butylphenol	98-54-4
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
195	Benzo[k]fluoranthene	207-08-9
194	Fluoranthene	206-44-0; 93951-69-0
193	Phenanthrene	85-01-8
192	Pyrene	129-00-0; 1718-52-1
191	Benzo[ghi]perylene	191-24-2
190	Decamethylcyclopentasiloxane (D5)	541-02-6
189	Disodium octaborate	12008-41-2
188	Dodecamethylcyclohexasiloxane(D6)	540-97-6
187	Ethylenediamine	107-15-3
186	Lead	7439-92-1
185	Octamethylcyclotetrasiloxane(D4)	556-67-2
184	Terphenyl, hydrogenated	61788-32-7
183	Dicyclohexyl phthalate (DCHP)	84-61-7
182	benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	552-30-7
181	Benz[a]anthracene	56-55-3, 1718-53-2
180	Cadmium carbonate	513-78-0
179	Cadmium hydroxide	21041-95-2
178	Cadmium nitrate	10022-68-1, 10325-94-7
177	Chrysene	218-01-9, 1719-03-5

176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-
173	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2
171	4-heptylphenol, branched and linear (4-HPbl)	-
170	p-(1,1-dimethylpropyl)phenol (PTAP)	80-46-6
169	Benzo[def]chrysene	50-32-8
168	Nitrobenzene	98-95-3
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
165	1,3-propanesultone	1120-71-4
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4
163	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)	68515-51-5, 68648-93-1
162	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]	
161	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
160	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
157	Cadmium fluoride	7790-79-6

156	Cadmium sulphate	10124-36-4, 31119-53-6
155	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)	
154	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68515-50-4
153	Cadmium chloride	10108-64-2
152	Sodium perborate,perboric acid, sodium salt	
151	Sodium peroxometaborate	7632-4-4,
150	Cadmium sulphide	1306-23-6
149	Dihexyl phthalate (DIHP)	84-75-3
148	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
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)	1937-37-7
146	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7
145	Lead di(acetate)	301-04-2
144	Trixylyl phosphate	25155-23-1
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]	
142	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
141	Cadmium	7440-43-9
140	Cadmium oxide	1306-19-0
139	Dipentyl phthalate (DPP)	131-18-0
138	Pentadecafluorooctanoic acid (PFOA)	335-67-1
137	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0

136	1,2-Diethoxyethane	629-14-1
135	1-bromopropane (n-propyl bromide)	106-94-5
134	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
133	4,4'-methylenedi-o-toluidine	838-88-0
132	4,4'-oxydianiline and its salts	101-80-4
131	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	
130	4-Aminoazobenzene	60-09-3
129	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
128	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]	
127	6-methoxy-m-toluidine (p-cresidine)	120-71-8
126	[Phthalato(2-)]dioxotrilead	69011-06-9
125	Acetic acid, lead salt, basic	51404-69-4
124	Biphenyl-4-ylamine	92-67-1
123	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5
120	Dibutyltin dichloride (DBTC)	683-18-1
119	Diethyl sulphate	64-67-5
118	Diisopentylphthalate	605-50-5
117	Dimethyl sulphate	77-78-1
116	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
115	Dioxobis(stearato)trilead	12578-12-0
114	Fatty acids, C16-18, lead salts	91031-62-8
113	Furan	110-00-9
112	Henicosaflluoroundecanoic acid	2058-94-8

111	Heptacosafuorotetradecanoic acid	376-06-7
110	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]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
109	Lead bis(tetrafluoroborate)	13814-96-5
108	Lead cyanamidate	20837-86-9
107	Lead dinitrate	10099-74-8
106	Lead monoxide (lead oxide)	1317-36-8
105	Lead oxide sulfate	12036-76-9
104	Lead titanium trioxide	12060-00-3
103	Lead titanium zirconium oxide	12626-81-2
102	Methoxyacetic acid	625-45-6
101	Methyloxirane (Propylene oxide)	75-56-9
100	N,N-dimethylformamide	68-12-2
99	N-methylacetamide	79-16-3
98	N-pentyl-isopentylphthalate	776297-69-9
97	o-aminoazotoluene	97-56-3
96	o-Toluidine	95-53-4
95	Orange lead (lead tetroxide)	1314-41-6
94	Pentacosafuorotridecanoic acid	72629-94-8
93	Pentalead tetraoxide sulphate	12065-90-6
92	Pyrochlore, antimony lead yellow	8012-00-8
91	Silicic acid ( $H_2Si_2O_5$ ), 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]	68784-75-8



90	Silicic acid, lead salt	11120-22-2
89	Sulfurous acid, lead salt, dibasic	62229-08-7
88	Tetraethyllead	78-00-2
87	Tetralead trioxide sulphate	12202-17-4
86	Tricosafuorododecanoic acid	307-55-1
85	Trilead bis(carbonate) dihydroxide	1319-46-6
84	Trilead dioxide phosphonate	12141-20-7
83	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	112-49-2
82	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	110-71-4
81	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
80	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	59653-74-6
79	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)]	561-41-1
78	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
77	[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
76	[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
75	Diboron trioxide	1303-86-2
74	Formamide	75-12-7
73	Lead(II) bis(methanesulfonate)	17570-76-2
72	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
71	$\alpha,\alpha$ -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)]	6786-83-0
70	1,2-Dichloroethane	107-06-2

69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
68	2-Methoxyaniline,o-Anisidine	90-04-0
67	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
66	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	
65	Arsenic acid	7778-39-4
64	Bis(2-methoxyethyl) ether	111-96-6
63	Bis(2-methoxyethyl) phthalate	117-82-8
62	Calcium arsenate	7778-44-1
61	Dichromium tris(chromate)	24613-89-6
60	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
59	Lead diazide, Lead azide	13424-46-9
58	Lead dipicrate	6477-64-1
57	Lead styphnate	15245-44-0
56	N,N-dimethylacetamide	127-19-5
55	Pentazinc chromate octahydroxide	49663-84-5
54	Phenolphthalein	77-09-8
53	Potassium hydroxyoctaoxidizincatedichromate	11103-86-9
52	Trilead diarsenate	3687-31-8
51	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, silicon and zirconium 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	
50	Cobalt dichloride	7646-79-9
49	1,2,3-trichloropropane	96-18-4
48	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
46	1-Methyl-2-pyrrolidone (NMP)	872-50-4
45	2-Ethoxyethyl acetate	111-15-9
44	Hydrazine	302-01-2, 7803-57-8
43	Strontium chromate	7789-6-2,
42	2-Ethoxyethanol	110-80-5
41	2-Methoxyethanol	109-86-4
40	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	7738-94-5, 13530-68-2
39	Chromium trioxide	1333-82-0
38	Cobalt(II) carbonate	513-79-1
37	Cobalt(II) diacetate	71-48-7
36	Cobalt(II) dinitrate	10141-05-6
35	Cobalt(II) sulphate	10124-43-3
34	Ammonium dichromate	7789-9-5,
33	Boric acid	10043-35-3, 11113-50-1
32	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3

31	Potassium chromate	7789-00-6
30	Potassium dichromate	7778-50-9
29	Sodium chromate	7775-11-3,
28	Tetraboron disodium heptaoxide, hydrate	12267-73-1
27	Trichloroethylene	79-01-6
26	Acrylamide	79-06-1
25	2,4-Dinitrotoluene (2,4-DNT)	121-14-2
24	Anthracene oil	90640-80-5
23	Anthracene oil, anthracene paste	90640-81-6
22	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
21	Anthracene oil, anthracene paste, distn. lights	91995-17-4
20	Anthracene oil, anthracene-low	90640-82-7
19	Diisobutyl phthalate (DIBP)	84-69-5
18	Lead chromate	7758-97-6
17	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
16	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
15	Pitch, coal tar, high temp.	65996-93-2
14	Tris(2-chloroethyl)phosphate	115-96-8
13	4,4'- Diaminodiphenylmethane (MDA)	101-77-9
12	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
10	Anthracene	120-12-7
9	Benzyl butyl phthalate (BBP)	85-68-7
8	Bis(tributyltin) oxide (TBTO)	56-35-9
7	Diarsenic pentaoxide	1303-28-2
6	Diarsenic trioxide	1327-53-3

5	Dibutyl phthalate (DBP)	84-74-2
4	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8
3	Lead hydrogen arsenate	7784-40-9
2	Sodium dichromate	7789-12-0, 10588-01-9
1	Triethyl arsenate	15606-95-8