

Registration, evaluation, authorization and restriction of chemicals

REACH (Registration, evaluation, authorization and restriction of chemicals) (Directive 1907/2006/EC) entered into force on 1st June 2007. REACH places greater responsibility on industry to manage the risks that chemicals may pose to the health and the environment. In principle REACH applies to all chemicals: not only chemicals used in industrial processes but also in our day-to-day life, for example in cleaning products, paints as well as in articles such as clothes, furniture and electrical appliances. It affects all industries doing business in the EU.

[REACH information \(http://echa.europa.eu\)](http://echa.europa.eu)

Candidate list

The European Chemicals Agency (ECHA) published the first time the candidate list on 28th of October 2008. The list included SVHCs (substances of very high concern) which are considered hazardous and will be updated minimum twice a year.

Any supplier of an article containing a substance included in this list, in a concentration above 0,1 % weight by weight (w/w) shall provide the recipient of the article with sufficient information, to allow safe use of the article - as a minimum, the name of that substance (last update 14. September 2016).

[Candidate list actual](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)

(http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)

Information on SVHC in articles general

Complete knowledge of the presence of these substances included in the "Candidate list" in the articles of our suppliers we supply to customers is not completely present yet. Complete knowledge of the presence of these substances included in the actual "Candidate list" in the articles we supply is not present yet as our suppliers have not finished their assessment yet.

We will inform you immediately once we get informed by our suppliers on any findings of SVHCs as of the actual Candidate List in products you purchase at us.

REACH – profichip position

profichip is fully aware of the requirements given by REACH and has identified its roles and obligations to the best of its knowledge.

- profichip is a "supplier of articles".
- profichip confirms that we understand our obligations under REACH in our roles either as "supplier" or "importer" of articles.
- profichip is located inside of the EU. For our suppliers, located within the EU, we are acting as "supplier" and therefore they have to fulfill the obligations given by REACH. For our suppliers, which are located outside the EU we are acting as "Importer" with all obligations relevant to us.
- profichip does not intend to register any substances as we do not sell substances, preparations nor articles containing any substances that are intended to be released at any time. Therefore registration is not required by profichip.
- profichip is in contact with all of our suppliers (located inside and outside of the EU) in order to get proper information and to ensure the availability of articles in the future.
- profichip will monitor all further obligations with regards to Annex XIV (Authorisation requirements) and Annex XVII (Restriction of Substances).
- Contact details for REACH issues: Please contact your local sales office to obtain this information.

Information is subject to be changed without notice. Only valid actual information is available online. Any printed or formerly spread information are not valid as date of online documentation and printed version does not match.

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profichip warrants and declares that our parts supplied to customer does NOT contain more than 0.1% (weight/weight) for any of the Substances of Very High Concern (SVHC) as stipulated in below list.

Item	Substances	CAS No.
1	Anthracene	120-12-7
2	4,4'- Diaminodiphenylmethane	101-77-9
3	Dibutyl phthalate	84-74-2
4	Bis(tributyltin)oxide	56-35-9
5	Cobalt dichloride	7646-79-9
6	Diarsenic pentaoxide	1303-28-2
7	Diarsenic trioxide	1327-53-3
8	Sodium dichromate, dihydrate	7789-12-0, 10588-01-9
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7
11	Hexabromocyclododecane (HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
13	Lead hydrogen arsenate	7784-40-9
14	Triethyl arsenate	15606-95-8
15	Benzyl butyl phthalate	85-68-7
16	Anthracene oil	90640-80-5
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
19	Anthracene oil, anthracene-low	90640-82-7
20	Anthracene oil, anthracene paste	90640-81-6
21	Coal tar pitch, high temperature	65996-93-2
22	2,4-Dinitrotoluene	121-14-2
23	Diisobutyl phthalate	84-69-5
24	Lead chromate	7758-97-6
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
27	Tris(2-chloroethyl)phosphate	115-96-8
28	Acrylamide	79-06-1
29	Trichloroethylene	79-01-6
30	Boric acid	10043-35-3 11113-50-1

Item	Substances	CAS No.
31	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1
33	Sodium chromate	7775-11-3
34	Potassium chromate	7789-00-6
35	Ammonium dichromate	7789-09-5
36	Potassium dichromate	7778-50-9
37	Cobalt(II) sulphate	10124-43-3
38	Cobalt(II) dinitrate	10141-05-6
39	Cobalt(II) carbonate	513-79-1
40	Cobalt(II) diacetate	71-48-7
41	2-Methoxyethanol	109-86-4
42	2-Ethoxyethanol	110-80-5
43	Chromium trioxide	1333-82-0
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
45	2-ethoxyethyl acetate	111-15-9
46	strontium chromate	7789-06-2
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
48	Hydrazine	7803-57-8 302-01-2
49	1-methyl-2-pyrrolidone	872-50-4
50	1,2,3-trichloropropane	96-18-4
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
52	Lead dipicrate	6477-64-1
53	Lead styphnate	15245-44-0
54	Lead diazide Lead azide	13424-46-9
55	Phenolphthalein	77-09-8
56	2,2' -dichloro-4,4' -methylenedianiline	101-14-4

Item	Substances	CAS No.
57	N,N –dimethylacetamide (DMAC)	127-19-5
58	Trilead diarsenate	3687-31-8
59	Calcium arsenate	7778-44-1
60	Arsenic acid	7778-39-4
61	Bis (2-methoxyethyl) ether	111-96-6
62	1,2 -Dichloroethane	107-06-2
63	4- (1,1,3,3 –tetramethylbutyl) phenol	140-66-9
64	2-Methoxyaniline; o-Anisidine	90-04-0
65	Bis (2-methoxyethyl) phthalate	117-82-8
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
67	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-
68	Aluminosilicate Refractory Ceramic Fibres (RCF)	-
69	Pentazinc chromate octahydroxide	49663-84-5
70	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
71	Dichromium tris (chromate)	24613-89-6
72	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
73	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
74	[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)]	2580-56-5
75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
76	[4-[4,4'-bis(dimethylamino)benzhydridene]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)]	548-62-9
77	Formamide	75-12-7
78	Lead(II) bis(methanesulfonate)	17570-76-2
79	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)]	561-41-1
80	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
81	Diboron trioxide	1303-86-2
82	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
83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1

Item	Substances	CAS No.
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)]	6786-83-0
85	Lead cyanamidate	20837-86-9
86	Sulfurous acid, lead salt, dibasic	62229-08-7
87	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
88	Fatty acids, C16-18, lead salts	91031-62-8
89	Diisopentylphthalate	605-50-5
90	Biphenyl-4-ylamine	92-67-1
91	Orange lead (lead tetroxide)	1314-41-6
92	4,4'-oxydianiline and its salts	101-80-4
93	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
94	o-aminoazotoluene	97-56-3
95	Trilead dioxide phosphonate	12141-20-7
96	Methyloxirane (Propylene oxide)	75-56-9
97	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
98	Methoxyacetic acid	625-45-6
99	1-bromopropane (n-propyl bromide)	106-94-5
100	Heptacosafuorotetradecanoic acid	376-06-7
101	Tricosafuorododecanoic acid	307-55-1
102	Pentacosafuorotridecanoic acid	72629-94-8
103	Pentalead tetraoxide sulphate	12065-90-6
104	Tetraethyllead	78-00-2
105	Dioxobis(stearato)trilead	12578-12-0
106	N-pentyl-isopentylphthalate	776297-69-9
107	Tetralead trioxide sulphate	12202-17-4
108	1,2-Diethoxyethane	629-14-1
109	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
110	N-methylacetamide	79-16-3
111	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5
112	[Phthalato(2-)]dioxotrilead	69011-06-9
113	Acetic acid, lead salt, basic	51404-69-4
114	Lead titanium trioxide	12060-00-3
115	Lead oxide sulfate	12036-76-9

Item	Substances	CAS No.
116	Dimethyl sulphate	77-78-1
117	Diethyl sulphate	64-67-5
118	4,4'-methylenedi-o-toluidine	838-88-0
119	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]	--
120	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	--
121	N,N-dimethylformamide	68-12-2
122	Furan	110-00-9
123	Trilead bis(carbonate)dihydroxide	1319-46-6
124	Silicic acid (H ₂ Si ₂ O 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
125	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
126	o-Toluidine	95-53-4
127	Lead monoxide (lead oxide)	1317-36-8
128	Lead titanium zirconium oxide	12626-81-2
129	4-Aminoazobenzene	60-09-3
130	Silicic acid, lead salt	11120-22-2
131	Lead dinitrate	10099-74-8
132	Lead bis(tetrafluoroborate)	13814-96-5
133	Dibutyltin dichloride (DBT)	683-18-1
134	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]	85-42-7, 13149-00-3, 14166-21-3
135	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
136	Henicosfluoroundecanoic acid	2058-94-8

Item	Substances	CAS No.
137	6-methoxy-m-toluidine (p-cresidine)	120-71-8
138	Pyrochlore, antimony lead yellow	8012-00-8
139	Cadmium oxide	1306-19-0
140	Pentadecafluorooctanoic acid (PFOA)	335-67-1
141	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	Dipentyl phthalate (DPP)	131-18-0
143	Ammoniumpentadecafluorootanoate (APFO)	3825-26-1
144	Cadmium	7440-43-9
145	Lead di(acetate)	301-04-2
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
147	Trixylyl phosphate	25155-23-1
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7
149	Dihexyl phthalate	84-75-3
150	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
151	Cadmium sulphide	1306-23-6
152	Cadmium chloride	10108-64-2
153	Sodium peroxometaborate	7632-04-4
154	Sodium perborate; perboric acid, sodium salt	--
155	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
156	Cadmium fluoride	7790-79-6
157	Cadmium sulphate	10124-36-4; 31119-53-6
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
161	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)	--

Item	Substances	CAS No.
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	68515-51-5 68648-93-1
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]	--
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4
165	Nitrobenzene	98-95-3
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
168	1,3-propanesultone	1120-71-4
169	Benzo[def]chrysene	50-32-8
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7
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 combined thereof]	-
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3
173	p-(1,1-dimethylpropyl) phenol = 4-tert-pentylphenol (PTAP)	80-46-6