

REACH Declaration Regarding SVHC list and Annex XVII

Schaffner hereby declares that the product portfolio we provide to the market is compliant to the REACH SVHC list of regulation (EC).NO 1907/2006, (see table 1-11). Schaffner does not add or use any substances listed in the SVHC list intentionally and ensure that all suppliers of Schaffner will pre-register/register where REACH registration requirements are applicable. The calculation of the SVHC limitation less than 0.1 weight % is based on the component level (not the finished product level). Furthermore substances listed in Annex XIV (included in SVHC list) are not present in our products, therefore authorization requirements for substances in Annex XIV are not applicable for Schaffner finished products. The restriction condition of all the entries defined in REACH annex XVII (see table 12) is not applicable for Schaffner finished product.

| Substance name | CAS number | EC number | Involved in our supply chain |
|--|------------|-----------|------------------------------|
| Anthracene | 120-12-7 | 204-371-1 | <1000 ppm |
| 4,4'- Diaminodiphenylmethane (MDA) | 101-77-9 | 202-974-4 | <1000 ppm |
| Dibutyl phthalate (DBP) | 84-74-2 | 201-557-4 | <1000 ppm |
| Cobalt dichloride | 7646-79-9 | 231-589-4 | <1000 ppm |
| Diarsenic pentaoxide | 1303-28-2 | 215-116-9 | <1000 ppm |
| Diarsenic trioxide | 1327-53-3 | 215-481-4 | <1000 ppm |
| Sodium dichromate, dihydrate | 7789-12-0 | 234-190-3 | <1000 ppm |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 81-15-2 | 201-329-4 | <1000 ppm |
| Bis (2-ethyl(hexyl)phthalate) (DEHP) | 117-81-7 | 204-211-0 | <1000 ppm |
| Hexabromocyclododecane (HBCDD) | 25637-99-4 | 247-148-4 | <1000 ppm |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8 | 287-476-5 | <1000 ppm |
| Bis(tributyltin)oxide (TBTO) | 56-35-9 | 200-268-0 | <1000 ppm |

*Table 1. Candidate list of substances of very high concern
Published October 28th, 2008, last update Mar 22nd, 2021*

Karen Chan
Global Sourcing Manager

Signature:



Date: Mar 22nd 2021

Peter Lutz
Corporate Quality Manager

Signature:



Date: Mar 22nd 2021

| Substance name | CAS number | EC number | Involved in our supply chain |
|---|----------------------------------|-----------|------------------------------|
| Lead hydrogen arsenate | 7784-40-9 | 232-064-2 | <1000 ppm |
| Triethyl arsenate | 15606-95-8 | 427-700-2 | <1000 ppm |
| Benzyl butyl phthalate (BBP) | 85-68-7 | 201-622-7 | <1000 ppm |
| Anthracene oil | 90640-80-5 | 292-602-7 | <1000 ppm |
| Anthracene oil, anthracene paste, distrn. lights | 91995-17-4 | 295-278-5 | <1000 ppm |
| Anthracene oil, anthracene paste, anthracene fraction | 91995-15-2 | 295-275-9 | <1000 ppm |
| Anthracene oil, anthracene-low | 90640-82-7 | 292-604-8 | <1000 ppm |
| Anthracene oil, anthracene paste | 90640-81-6 | 292-603-2 | <1000 ppm |
| Coal tar pitch, high temperature | 65996-93-2 | 266-028-2 | <1000 ppm |
| Acrylamide | 79-06-1 | 201-173-7 | <1000 ppm |
| Aluminosilicate Refractory Ceramic Fibers(RCF) | -- | -- | <1000 ppm |
| Zirconia Aluminosilicate Refractory Ceramic Fibers(Zr-RCF) | -- | -- | <1000 ppm |
| 2,4-Dinitrotoluene | 121-14-2 | 204-450-0 | <1000 ppm |
| Diisobutyl phthalate | 84-69-5 | 201-553-2 | <1000 ppm |
| Lead chromate | 7758-97-6 | 231-846-0 | <1000 ppm |
| Lead chromate molybdate sulphate red (C.I. Pigment Red 104) | 12656-85-8 | 235-759-9 | <1000 ppm |
| Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 1344-37-2 | 215-693-7 | <1000 ppm |
| Tris(2-chloroethyl)phosphate | 115-96-8 | 204-118-5 | <1000 ppm |
| Ammonium dichromate | 7789-09-5 | 232-143 | <1000 ppm |
| Disodium tetraborate, anhydrous | 1303-96-4/ 1330-43-4/ 12179-04-3 | 215-540-4 | <1000 ppm |
| Potassium chromate | 7789-00-6 | 232-140-5 | <1000 ppm |
| Potassium dichromate | 7778-50-9 | 231-906-6 | <1000 ppm |
| Sodium chromate | 7775-11-3 | 231-889-5 | <1000 ppm |
| Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | 235-541-3 | <1000 ppm |

*Table 2. Candidate list of substances of very high concern
Published October 28th, 2008, last update Mar 22nd, 2021*

| Substance name | CAS number | EC number | Involved in our supply chain |
|--|------------------------------|-----------------------------|------------------------------|
| Trichloroethylene | 79-01-6 | 201-167-4 | <1000 ppm |
| Boric acid | 10043-35-3 / 11113-50-1 | 233-139-2 / 234- 343-4 | <1000 ppm |
| 2-Methoxyethanol | 109-86-4 | 203-713-7 | <1000 ppm |
| 2-Ethoxyethano | 110-80-5 | 203-804-1 | <1000 ppm |
| Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid | 7738-94-5 - 13530-68-2 | 231-801-5 - 236-881-5 | <1000 ppm |
| Chromium trioxide | 1333-82-0 | 215-607-8 | <1000 ppm |
| Cobalt(II) carbonate | 513-79-1 | 208-169-4 | <1000 ppm |
| Cobalt(II) diacetate | 71-48-7 | 200-755-8 | <1000 ppm |
| Cobalt(II) dinitrate | 10141-05-6 | 233-402-1 | <1000 ppm |
| Cobalt(II) sulphate | 10124-43-3 | 233-334-2 | <1000 ppm |
| 2-ethoxyethyl acetate | 111-15-9 | 203-839-2 | <1000 ppm |
| strontium chromate | 7789-06-2 | 232-142-6 | <1000 ppm |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) | 68515-42-4 | 271-084-6 | <1000 ppm |
| Hydrazine | 302-01-2 | 206-114-9 | <1000 ppm |
| 1-methyl-2-pyrrolidone | 872-50-4 | 212-828-1 | <1000 ppm |
| 1,2,3-trichloropropane | 96-18-4 | 202-486-1 | <1000 ppm |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) | 71888-89-6 | 276-158-1 | <1000 ppm |
| Dichromium tris(chromate) | 24613-89-6 | 246-356-2 | <1000 ppm |
| Potassium hydroxyoctaoxidizincatedichromate | 11103-86-9 | 234-329-8 | <1000 ppm |
| Pentazinc chromate octahydroxide | 49663-84-5 | 256-418-0 | <1000 ppm |
| 2-Methoxyaniline;o-Anisidine | 90-04-0 | 201-963-1 | <1000 ppm |
| 4-(1,1,3,3-tetramethylbutyl)phenol,(4-tert-Octylphenol) | 140-66-9 | 205-426-2 | <1000 ppm |
| Formaldehyde,oligomeric reaction products with aniline (technical MDA) | 25214-70-4 | 500-036-1 | <1000 ppm |
| Bis (2-methoxyethyl) phthalate | 117-82-8 | 204-212-6 | <1000 ppm |

*Table 3. Candidate list of substances of very high concern
 Published October 28th, 2008, last update Mar 22nd, 2021*

| Substance name | CAS number | EC number | Involved in our supply chain |
|--|------------|------------|------------------------------|
| 1,2-Dichloroethane | 107-06-2 | 203-458-1 | < 1000 ppm |
| Bis(2-methoxyethyl)ether | 111-96-6 | 203-924-4 | < 1000 ppm |
| Arsenic acid | 7778-39-4 | 231-901-9 | < 1000 ppm |
| Calcium arsenate | 7778-44-1 | 231-904-5 | < 1000 ppm |
| Trilead diarsenate | 3687-31-8 | 222-979-5 | < 1000 ppm |
| N,N-dimethylacetamide(DMAC) | 127-19-5 | 204-826-4 | < 1000 ppm |
| 2,2'-dichloro-4,4'-methylenedianiline(MOCA) | 101-14-4 | 202-918-9 | < 1000 ppm |
| Phenolphthalein | 77-09-8 | 201-004-07 | < 1000 ppm |
| Lead diazide | 13424-46-9 | 236-542-1 | < 1000 ppm |
| Lead styphnate | 15245-44-0 | 239-290-0 | < 1000 ppm |
| Lead dipicrate | 6477-64-1 | 229-335-2 | < 1000 ppm |
| 1,2-bis(2-methoxyethoxy)ethane(TEGDME; triglyme) | 112-49-2 | 203-977-3 | < 1000 ppm |
| 1,2-dimethoxyethane:ethylene glycol dimethyl ether(EGDME) | 110-71-4 | 203-794-9 | < 1000 ppm |
| Diboron trioxide | 1303-86-2 | 215-125-8 | < 1000 ppm |
| Formamide | 75-12-7 | 200-842-0 | < 1000 ppm |
| Lead(II) bis (methanesulfonate) | 17570-76-2 | 401-750-5 | < 1000 ppm |
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione(TGIC) | 2451-62-9 | 219-514-3 | < 1000 ppm |
| 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 | < 1000 ppm |
| 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 90-94-8 | 202-027-5 | < 1000 ppm |
| N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 | 202-959-2 | < 1000 ppm |
| [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 or Michler's base] | 548-62-9 | 208-953-6 | < 1000 ppm |
| [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 or Michler's base] | 2580-56-5 | 219-943-6 | < 1000 ppm |
| α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)[with≥0.1% of Michler's ketone or Michler's base] | 6786-83-0 | 229-851-8 | < 1000 ppm |

Table 4. Candidate list of substances of very high concern
 Published October 28th, 2008, last update Mar 22nd, 2021

| Substance name | CAS number | EC number | Involved in our supply chain |
|---|---|---|------------------------------|
| 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with≥0.1% of Michler's ketone or Michler's base] | 561-41-1 | 209-218-2 | <1000 ppm |
| Bis(pentabromophenyl)ether (decabromodiphenyl ether; DecaBDE) | 1163-19-5 | 214-604-9 | <1000 ppm |
| Pentacosaflluorotridecanoic acid | 72629-94-8 | 276-745-2 | <1000 ppm |
| Tricosaflluorododecanoic acid | 307-55-1 | 206-203-2 | <1000 ppm |
| Henicosaflluoroundecanoic acid | 2058-94-8 | 218-165-4 | <1000 ppm |
| Heptacosaflluorotetradecanoic acid | 376-06-7 | 206-803-4 | <1000 ppm |
| Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 204-650-8 | <1000 ppm |
| 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 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 | 201-604-9, 236-086-3, 238-009-9 | <1000 ppm |
| 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 | 247-094-1, 243-072-0, 256-356-4, 260-566-1 | <1000 ppm |
| 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] | -- | -- | <1000 ppm |
| 4-(1,1,3,3-tetramethylbutyl)phenol | -- | -- | <1000 ppm |
| Methoxyacetic acid | 625-45-6 | 210-894-6 | <1000 ppm |
| N,N-dimethylformamide | 68-12-2 | 200-679-5 | <1000 ppm |
| Dibutyltin dichloride (DBTC) | 683-18-1 | 211-670-0 | <1000 ppm |
| Lead monoxide (Lead oxide) | 1317-36-8 | 215-267-0 | <1000 ppm |
| Orange lead (Lead tetroxide) | 1314-41-6 | 215-235-6 | <1000 ppm |

Table 5. Candidate list of substances of very high concern
 Published October 28th, 2008, last update Mar 22nd, 2021

| Substance name | CAS number | EC number | Involved in our supply chain |
|---|-------------|-----------|------------------------------|
| Lead bis(tetrafluoroborate) | 13814-96-5 | 237-486-0 | <1000 ppm |
| Trilead bis(carbonate)dihydroxide | 1319-46-6 | 215-290-6 | <1000 ppm |
| Lead titanium trioxide | 12060-00-3 | 235-038-9 | <1000 ppm |
| Lead titanium zirconium oxide | 12626-81-2 | 235-727-4 | <1000 ppm |
| Silicic acid, lead salt | 11120-22-2 | 234-363-3 | <1000 ppm |
| 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 | 272-271-5 | <1000 ppm |
| 1-bromopropane (n-propylbromide) | 106-94-5 | 203-445-0 | <1000 ppm |
| Methyloxirane (Propyleneoxide) | 75-56-9 | 200-879-2 | <1000 ppm |
| 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear* | 84777-06-0 | 284-032-2 | <1000 ppm |
| Diisopentylphthalate * | 605-50-5 | 210-088-4 | <1000 ppm |
| N-pentyl-isopentylphthalate* | 776297-69-9 | -- | <1000 ppm |
| 1,2-Diethoxyethane | 629-14-1 | 211-076-1 | <1000 ppm |
| Acetic acid, lead salt, basic | 51404-69-4 | 257-175-3 | <1000 ppm |
| Lead oxide sulfate | 12036-76-9 | 234-853-7 | <1000 ppm |
| [Phthalato(2-)]dioxotrilead | 69011-06-9 | 273-688-5 | <1000 ppm |
| Dioxobis(stearato)trilead | 12578-12-0 | 235-702-8 | <1000 ppm |
| Fatty acids, C16-18, lead salts | 91031-62-8 | 292-966-7 | <1000 ppm |
| Lead cyanamidate | 20837-86-9 | 244-073-9 | <1000 ppm |
| Lead dinitrate | 10099-74-8 | 233-245-9 | <1000 ppm |
| Pentalead tetraoxide sulphate | 12065-90-6 | 235-067-7 | <1000 ppm |
| Pyrochlore, antimony lead yellow | 8012-00-8 | 232-382-1 | <1000 ppm |
| Sulfurous acid, lead salt, dibasic | 62229-08-7 | 263-467-1 | <1000 ppm |

*Table 6 .Candidate list of substances of very high concern
 Published October 28th 2008, last update Mar 22nd, 2021*

| Substance name | CAS number | EC number | Involved in our supply chain |
|--|-------------|-----------|------------------------------|
| Tetraethyllead | 78-00-2 | 201-075-4 | < 1000 ppm |
| Tetralead trioxide sulphate | 12202-17-4 | 235-380-9 | < 1000 ppm |
| Trilead dioxide phosphonate | 12141-20-7 | 235-252-2 | < 1000 ppm |
| Furan | 110-00-9 | 203-727-3 | < 1000 ppm |
| Diethyl sulphate | 64-67-5 | 200-589-6 | < 1000 ppm |
| Dimethyl sulphate | 77-78-1 | 201-058-1 | < 1000 ppm |
| 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 421-150-7 | < 1000 ppm |
| Dinoseb(6-sec-butyl-2,4-dinitrophenol) | 88-85-7 | 201-861-7 | < 1000 ppm |
| 4,4'-methylenedi-o-toluidine | 838-88-0 | 212-658-8 | < 1000 ppm |
| 4,4'-oxydianiline and its salts | 101-80-4 | 202-977-0 | < 1000 ppm |
| 4-aminoazobenzene | 60-09-3 | 200-453-6 | < 1000 ppm |
| 4-methyl-m-phenylenediamine(toluene-2,4-diamine) | 95-80-7 | 202-453-1 | < 1000 ppm |
| 6-methoxy-m-toluidine(p-cresidine) | 120-71-8 | 204-419-1 | < 1000 ppm |
| Biphenyl-4-ylamine | 92-67-1 | 202-177-1 | < 1000 ppm |
| o-aminoazotoluene | 97-56-3 | 202-591-2 | < 1000 ppm |
| o-toluidine | 95-53-4 | 202-429-0 | < 1000 ppm |
| N-methylacetamide | 79-16-3 | 201-182-6 | < 1000 ppm |
| Cadmium | 7440-43-9 | 231-152-8 | < 1000 ppm |
| Cadmium oxide | 1306-19-0 | 215-146-2 | < 1000 ppm |
| Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 223-320-4 | < 1000 ppm |
| Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 206-397-9 | < 1000 ppm |
| Dipentyl phthalate (DPP) | 131-18-0 | 205-017-9 | < 1000 ppm |
| 4-Nonylphenol, branched and linear, ethoxylated | -- | -- | < 1000 ppm |
| Cadmium sulphide | 1306-23-6 | 215-147-8 | < 1000 ppm |

*Table 7 .Candidate list of substances of very high concern
 Published October 28th 2008, last update Mar 22nd, 2021*

| Substance name | CAS number | EC number | Involved in our supply chain |
|--|---------------------------|----------------------|------------------------------|
| 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 | < 1000 ppm |
| 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 | < 1000 ppm |
| Dihexyl phthalate | 84-75-3 | 201-559-5 | < 1000 ppm |
| Imidazolidine-2-thione (2-imidazoline-2-thiol) | 96-45-7 | 202-506-9 | < 1000 ppm |
| Lead di(acetate) | 301-04-2 | 206-104-4 | < 1000 ppm |
| Trixylyl phosphate | 25155-23-1 | 246-677-8 | < 1000 ppm |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 68515-50-4 | 271-093-5 | < 1000 ppm |
| Sodium perborate; perboric acid, sodium salt | -- | 239-172-9; 234-390-0 | < 1000 ppm |
| Sodium peroxometaborate | 7632-04-4 | 231-556-4 | < 1000 ppm |
| Cadmium chloride | 10108-64-2 | 233-296-7 | < 1000 ppm |
| Cadmium fluoride | 7790-79-6 | 232-222-0 | < 1000 ppm |
| Cadmium sulphate | 10124-36-4; 31119-53-6 | 233-331-6 | < 1000 ppm |
| 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 223-346-6 | < 1000 ppm |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 247-384-8 | < 1000 ppm |
| 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 15571-58-1 | 239-622-4 | < 1000 ppm |
| 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) | -- | -- | < 1000 ppm |

*Table 8. Candidate list of substances of very high concern
 Published October 28th 2008, last update Mar 22nd, 2021*

| Substance name | CAS number | EC number | Involved in our supply chain |
|---|-------------------------------------|------------------------|------------------------------|
| 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 | 271-094-0 272-013-1 | < 1000 ppm |
| 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] | -- | -- | < 1000 ppm |
| Nitrobenzene | 98-95-3 | 202-716-0 | < 1000 ppm |
| 2, 4-2 - tert-butyl - 6 - (5 - chloro - 2 h - benzotriazole - 2 -) phenol (UV - 327) | 3864-99-1 | 223-383-8 | < 1000 ppm |
| 2 - (2 '- hydroxy - 3 - isobutyl - 5' - tert-butyl phenyl) benzotriazole (UV - 350) | 36437-37-3 | 253-037-1 | < 1000 ppm |
| 1, 3 - propane sulfonic lactone | 1120-71-4 | 214-317-9 | < 1000 ppm |
| Perfluorinated pelargonic acid and sodium and ammonium salt | 375-95-1 21049-39-8 4149-60-4 | 206-801-3 | < 1000 ppm |
| BaP | 50-32-8 | '200-028-5 | < 1000 ppm |
| 4,4'-isopropylidenediphenol Bisphenol A; BPA | 80-05-7 | 201-245-8 | < 1000 ppm |
| 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 | -- | -- | < 1000 ppm |
| Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts show/hide Decanoic acid, nonadecafluoro-, sodium salt EC no.: - CAS no.: 3830-45-3 Ammonium nonadecafluorodecanoate EC no: 221-470-5 CAS no: 3108-42-7 Nonadecafluorodecanoic acid EC no.: 206-400-3 CAS no.: 335-76-2 | -- | -- | < 1000 ppm |
| p-(1,1-dimethylpropyl)phenol | 80-46-6 | 201-245-8 | < 1000 ppm |
| Perfluorohexane-1-sulphonic acid and its salts | -- | -- | < 1000 ppm |

*Table 9. Candidate list of substances of very high concern
 Published October 28th, 2008, last update Mar 22nd, 2021*

| Substance name | CAS number | EC number | Involved in our supply chain |
|---|---------------------------|-----------|------------------------------|
| Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) | --- | --- | < 1000 ppm |
| Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octa deca-7,15-diene ("Dechlorane Plus" TM) | --- | --- | < 1000 ppm |
| Chrysene | 218-01-9, 1719-03-5 | 205-923-4 | < 1000 ppm |
| Cadmium nitrate | 10022-68-1, 10325-94-7 | 233-710-6 | < 1000 ppm |
| Cadmium hydroxide | 21041-95-2 | 244-168-5 | < 1000 ppm |
| Cadmium carbonate | 513-78-0 | 208-168-9 | < 1000 ppm |
| Benz[a]anthracene | 56-55-3, 1718-53-2 | 200-280-6 | < 1000 ppm |
| Octamethylcyclotetrasiloxane (D4) | 556-67-2 | 209-136-7 | < 1000 ppm |
| Decamethylcyclopentasiloxane (D5) | 541-02-6 | 208-764-9 | < 1000 ppm |
| Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | 208-762-8 | < 1000 ppm |
| Lead | 7439-92-1 | 231-100-4 | < 1000 ppm |
| Disodium octaborate | 12008-41-2 | 234-541-0 | < 1000 ppm |
| Benzo[ghi]perylene | 191-24-2 | 205-883-8 | < 1000 ppm |
| Terphenyl hydrogenated | 61788-32-7 | 262-967-7 | < 1000 ppm |
| Ethylenediamine (EDA) | 107-15-3 | 203-468-6 | < 1000 ppm |
| Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA) | 552-30-7 | 209-008-0 | < 1000 ppm |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | 201-545-9 | < 1000 ppm |
| 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 6807-17-6 | 401-720-1 | < 1000 ppm |
| Benzo[k]fluoranthene | 207-08-9 | 205-916-6 | < 1000 ppm |
| Fluoranthene | 206-44-0 | 205-912-4 | < 1000 ppm |
| Phenanthrene | 85-01-8 | 201-581-5 | < 1000 ppm |
| Pyrene | 129-00-0 | 204-927-3 | < 1000 ppm |
| 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one | 15087-24-8 | 239-139-9 | < 1000 ppm |

*Table 10. Candidate list of substances of very high concern
 Published October 28th 2008, last update Mar 22nd, 2021*

| Substance name | CAS number | EC number | Involved in our supply chain |
|--|-------------|-----------|------------------------------|
| 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides | --- | --- | < 1000 ppm |
| 2-methoxyethyl acetate | 110-49-6 | 203-772-9 | < 1000 ppm |
| 4-tert-butylphenol | 98-54-4 | 202-679-0 | < 1000 ppm |
| Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) | --- | --- | < 1000 ppm |
| 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | 119313-12-1 | 404-360-3 | < 1000 ppm |
| 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 71868-10-5 | 400-600-6 | < 1000 ppm |
| Diisohexyl phthalate | 71850-09-4 | 276-090-2 | < 1000 ppm |
| Perfluorobutane sulfonic acid (PFBS) and its salts | --- | --- | < 1000 ppm |
| 1-vinylimidazole | 1072-63-5 | 214-012-0 | < 1000 ppm |
| 2-methylimidazole | 693-98-1 | 211-765-7 | < 1000 ppm |
| Butyl 4-hydroxybenzoate | 94-26-8 | 202-318-7 | < 1000 ppm |
| Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | 245-152-0 | < 1000 ppm |
| Bis(2-(2-methoxyethoxy)ethyl)ether | 143-24-8 | 205-594-7 | < 1000 ppm |
| 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 | --- | --- | < 1000 ppm |

*Table 11. Candidate list of substances of very high concern
 Published October 28th, 2008, last update Mar 22nd, 2021*

| Name | EC no. | CAS no. | Entry no. | Restriction Conditions |
|--|-----------|-------------------------|-----------|---|
| Polychlorinated terphenyls (PCTs) | - | - | 01 | https://echa.europa.eu/documents/10162/3fd87368-345a-4b56-b545-53b2b8d4aa8c |
| Chloroethene | 200-831-0 | 75-01-4 | 02 | https://echa.europa.eu/documents/10162/a7ed88f5-3b13-46ef-8fb7-dbb08087cfeb |
| Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 (See group members): | - | - | 03 | https://echa.europa.eu/documents/10162/fcd e7e63-fd67-4bce-91f6-9e810dfb0f76 |
| Hazard class 4.1 | - | - | 03 | |
| Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 | - | - | 03 | |
| Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F | - | - | 03 | |
| Hazard class 5.1. | - | - | 03 | |
| Tris (2,3 dibromopropyl) phosphate | - | 126-72-7 | 04 | https://echa.europa.eu/documents/10162/c05269fe-1ecd-4186-9534-aaec4e15e0f1 |
| Benzene | 200-753-7 | 71-43-2 | 05 | https://echa.europa.eu/documents/10162/59f436ca-8afa-4adf-b108-27d7bc8a7751 |
| Asbestos fibres | - | - | 06 | https://echa.europa.eu/documents/10162/574c30dd-398d-b3ff-cc67-e7e843c2b243 |
| Actinolite | - | 77536-66-4 | 06 | |
| Tremolite | - | 77536-68-6 | 06 | |
| Crocidolite | - | 12001-28-4 | 06 | |
| Amosite | - | 12172-73-5 | 06 | |
| Chrysotile | - | 12001-29-5, 132207-32-0 | 06 | |
| Anthophyllite | - | 77536-67-5 | 06 | |
| Tris(aziridinyl)phosphinoxide | 208-892-5 | 545-55-1 | 07 | https://echa.europa.eu/documents/10162/48077533-21cf-40dc-a8a8-d32408b8cda4 |
| Polybromobiphenyls, Polybrominatedbiphenyls (PBB) | - | - | 08 | https://echa.europa.eu/documents/10162/bd d717aa-7466-40ce-8a46-08c83ecc3aeb |
| Polybromobiphenyls, Polybrominatedbiphenyls (PBB) | - | 59536-65-1 | 08 | |
| Entry 9 | - | - | 09 | https://echa.europa.eu/documents/10162/bc246292-b01b-4203-90b7-a4ba81a6780b |
| Soap bark powder (Quillaja saponaria) and its derivatives containing saponines | 273-620-4 | 68990-67-0 | 09 | |
| Benzidine and / or its derivatives | - | - | 09 | |
| o-Nitrobenzaldehyde | 209-025-3 | 552-89-6 | 09 | |
| Powder of the roots of Veratrum album and Veratrum nigrum | - | - | 09 | |
| Wood powder | - | - | 09 | |

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|---|-----------|------------|-----|---|
| Powder of the roots of Helleborus viridis and Helleborus niger | - | - | 09 | |
| Entry 10 | - | - | 10 | |
| Ammonium polysulphide | 232-989-1 | 9080-17-5 | 10 | https://echa.europa.eu/documents/10162/1c454ceb-4a7e-4d11-bde6-59bb4bfe7bb5 |
| Ammonium sulphide | 235-223-4 | 12135-76-1 | 10 | |
| Ammonium hydrogen sulphide | 235-184-3 | 12124-99-1 | 10 | |
| Volatile esters of bromoacetic acids | - | - | 11 | |
| Methyl bromoacetate | 202-499-2 | 96-32-2 | 11 | https://echa.europa.eu/documents/10162/b515d01c-ab18-44a6-9ada-72529f1573ed |
| Butyl bromoacetate | 242-729-9 | 18991-98-5 | 11 | |
| Propyl bromoacetate | - | 35223-80-4 | 11 | |
| Ethyl bromoacetate | 203-290-9 | 105-36-2 | 11 | |
| 2-naphthylamine and its salts | - | - | 12 | https://echa.europa.eu/documents/10162/1435a321-63c2-4baf-b325-1fb4bf29d950 |
| Salts of 2-naphthylamine | - | - | 12 | |
| 2-naphthylammonium chloride | 210-313-6 | 612-52-2 | 12 | |
| 2-naphthylammonium acetate | 209-030-0 | 553-00-4 | 12 | |
| 2-naphthylamine | 202-080-4 | 91-59-8 | 12 | |
| Benzidine and its salts | - | - | 13 | https://echa.europa.eu/documents/10162/c3f76361-78fe-4e74-89f2-bdbbb34083d4 |
| Benzidine | 202-199-1 | 92-87-5 | 13 | |
| Salts of benzidine | - | - | 13 | |
| 4-Nitrobiphenyl | 202-204-7 | 92-93-3 | 14 | https://echa.europa.eu/documents/10162/4abe7020-a86a-409c-87ac-22ae2c89b500 |
| 4-Aminobiphenyl xenylamine and its salts | - | - | 15 | https://echa.europa.eu/documents/10162/0e1cbf82-fe57-4c3b-97a4-0917ad8f212c |
| 4-Aminobiphenyl xenylamine | 202-177-1 | 92-67-1 | 15 | |
| Lead carbonates | - | - | 16 | |
| Trilead-bis(carbonate)-dihydroxide 2PbCO ₃ -Pb(OH) ₂ | 215-290-6 | 1319-46-6 | 16 | https://echa.europa.eu/documents/10162/22dd9386-7fac-4e8d-953a-ef3c71025ad4 |
| Neutral anhydrous carbonate (PbCO ₃) | 209-943-4 | 598-63-0 | 16 | |
| Lead sulphates | - | - | 17 | https://echa.europa.eu/documents/10162/ffd7653b-98cc-4bcc-9085-616559280314 |
| Lead sulphate PbSO ₄ | 231-198-9 | 7446-14-2 | 17 | |
| Sulphuric acid, lead salt Pb _x SO ₄ | 239-831-0 | 15739-80-7 | 17 | |
| Mercury compounds | - | - | 18 | https://echa.europa.eu/documents/10162/5a7222b0-9d3a-4a90-9e55-258149e92b1a |
| Mercury | 231-106-7 | 7439-97-6 | 18a | https://echa.europa.eu/documents/10162/dbcaaec7-bd5b-4a7d-b164-23fa97950a86 |
| Arsenic compounds | - | - | 19 | https://echa.europa.eu/documents/10162/a798c758-371f-41e5-a38d-5f8dc9ba739d |
| Triammonium arsenate | 246-428-3 | 24719-13-9 | 19 | |
| Tricobalt diarsenate | 246-429-9 | 24719-19-5 | 19 | |
| Dimethylarsinic acid | 200-883-4 | 75-60-5 | 19 | |
| Roxarsone | 204-453-7 | 121-19-7 | 19 | |
| Sodium dimethylarsinate | 204-708-2 | 124-65-2 | 19 | |
| 6,6'-dihydroxy-3,3'-diarsene-1,2-diyldianilinium dichloride | 205-386-6 | 139-93-5 | 19 | |

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| Oxophenarsine | 206-178-8 | 306-12-7 | 19 |
| Tritylium hexafluoroarsenate | 207-111-5 | 437-15-0 | 19 |
| Neoarsphenamine | 207-273-7 | 457-60-3 | 19 |
| Oxophenarsine hydrochloride | 208-682-3 | 538-03-4 | 19 |
| Tris[(8 α ,9R)-6'-methoxycinchonan-9-ol] bis(arsenate) | 208-971-4 | 549-59-7 | 19 |
| Sulfarsphenamine | 210-564-1 | 618-82-6 | 19 |
| Phenylarsine oxide | 211-275-3 | 637-03-6 | 19 |
| Gallium arsenide | 215-114-8 | 1303-00-0 | 19 |
| Indium arsenide | 215-115-3 | 1303-11-3 | 19 |
| Diarsenic pentaoxide | 215-116-9 | 1303-28-2, 12044-50-7 | 19 |
| Arsenic sulfide | 215-117-4 | 1303-33-9 | 19 |
| Diarsenic triselenide | 215-119-5 | 1303-36-2 | 19 |
| Diarsenic trioxide | 215-481-4 | 1327-53-3, 7440-38-2 | 19 |
| Triethyl arsenite | 221-543-1 | 3141-12-6 | 19 |
| Trilead diarsenate | 222-979-5 | 3687-31-8 | 19 |
| Disodium 4-[(o-arsonophenyl)azo]-3-hydroxynaphthalene-2,7-disulphonate | 222-993-1 | 3688-92-4 | 19 |
| Diphenyldiarsenic acid | 224-845-1 | 4519-32-8 | 19 |
| Arsenic | 231-148-6 | 7440-38-2 | 19 |
| Arsenic acid, sodium salt | 231-547-5 | 7631-89-2 | 19 |
| Arsenic acid | 231-901-9 | 7778-39-4 | 19 |
| Disodium hydrogenarsenate | 231-902-4 | 7778-43-0 | 19 |
| Calcium arsenate | 231-904-5 | 7778-44-1 | 19 |
| Trisilver arsenite | 232-048-5 | 7784-08-9 | 19 |
| Arsenic tribromide | 232-057-4 | 7784-33-0 | 19 |
| Arsenic trichloride | 232-059-5 | 7784-34-1 | 19 |
| Trifluoroarsine | 232-060-0 | 7784-35-2 | 19 |
| Pentafluoroarsorane | 232-061-6 | 7784-36-3 | 19 |
| Mercury hydrogenarsenate | 232-062-1 | 7784-37-4 | 19 |
| Manganese hydrogenarsenate | 232-063-7 | 7784-38-5 | 19 |
| Lead hydrogen arsenate | 232-064-2 | 7784-40-9 | 19 |
| Potassium dihydrogenarsenate | 232-065-8 | 7784-41-0 | 19 |
| Diammonium hydrogenarsenate | 232-067-9 | 7784-44-3 | 19 |
| Arsenic triiodide | 232-068-4 | 7784-45-4 | 19 |
| Sodium dioxoarsenate | 232-070-5 | 7784-46-5 | 19 |
| Pentahydroxyarsorane | 232-096-7 | 7786-36-9 | 19 |
| Silicic acid (H ₄ SiO ₄), zinc salt (1:2), arsenic and manganese-doped | 271-895-5 | 68611-46-1 | 19 |
| Bis(pentane-2,4-dionato-O,O')boron(1+) hexafluoroarsenate(1-) | 272-591-5 | 68892-01-3 | 19 |
| Antimony oxide (Sb ₂ O ₃), mixed with arsenic oxide (As ₂ O ₃) | 273-156-2 | 68951-38-2 | 19 |
| Lead alloy, base, dross | 273-700-9 | 69011-59-2 | 19 |
| Lead, antimonial, dross | 273-795-7 | 69029-51-2 | 19 |
| Flue dust, lead-refining | 273-809-1 | 69029-67-0 | 19 |

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| Disilver arsenide | 274-573-2 | 70333-07-2 | 19 |
| Thallium triarsenide | 281-902-3 | 84057-85-2 | 19 |
| 2,6-dimethyl-4-(1-naphthyl)pyrylium hexafluoroarsenate | 282-682-1 | 84282-36-0 | 19 |
| 2,6-dimethyl-4-phenylpyrylium hexafluoroarsenate | 282-700-8 | 84304-15-4 | 19 |
| 4-cyclohexyl-2,6-dimethylpyrylium hexafluoroarsenate | 282-701-3 | 84304-16-5 | 19 |
| Tris[(8 α)-6'-methoxycinchonan-9(R)-ol] arsenite | 303-002-2 | 94138-87-1 | 19 |
| Gallium zinc triarsenide | 308-577-3 | 98106-56-0 | 19 |
| Vanadium(4+) diarsenate (1:1) | 308-917-0 | 99035-51-5 | 19 |
| Strychnidin-10-one, arsenite (1:1) | 309-388-9 | 100258-44-4 | 19 |
| Slimes and Sludges, copper electrolytic refining, decopperized, arsenic-rich | 309-772-6 | 100995-81-1 | 19 |
| Arsenic acid (H3AsO4), magnesium salt, manganese-doped | 310-019-9 | 102110-21-4 | 19 |
| Slimes and Sludges, copper-lead ore roasting off gas scrubbing, arsenic-contg. | 310-063-9 | 102110-62-3 | 19 |
| Sodium hexafluoroarsenate(V) | 624-772-9 | 12005-86-6 | 19 |
| Sodium arsenate dibasic heptahydrate | 677-900-0 | 10048-95-0 | 19 |
| Sodium cacodylate trihydrate | 682-793-9 | 6131-99-3 | 19 |
| Cobalt arsenide | 248-168-6 | 27016-73-5 | 19 |
| Nickel arsenide | 248-169-1 | 27016-75-7 | 19 |
| Tricalcium diarsenite | 248-266-9 | 27152-57-4 | 19 |
| 3-methyl-4-(pyrrolidin-1-yl)benzenediazonium hexafluoroarsenate | 248-532-4 | 27569-09-1 | 19 |
| Antimony arsenate | 249-347-1 | 28980-47-4 | 19 |
| Arsenic acid, copper(2+) salt | 249-916-4 | 29871-13-4 | 19 |
| Lithium hexafluoroarsenate | 249-963-0 | 29935-35-1 | 19 |
| Ammonium copper arsenate | 251-151-6 | 32680-29-8 | 19 |
| Europium arsenide | 251-206-4 | 32775-46-5 | 19 |
| Tristrontium diarsenide | 254-407-5 | 39297-24-0 | 19 |
| Triphenylsulphonium hexafluoroarsenate(1-) | 261-009-5 | 57900-42-2 | 19 |
| Zirconium arsenide | 262-524-8 | 60909-47-9 | 19 |
| Trimanganese arsenide | 262-667-6 | 61219-26-9 | 19 |
| Disodium 3,6-bis[(o-aronophenyl)azo]-4,5-dihydroxynaphthalene-2,7-disulphonate | 263-516-7 | 62337-00-2 | 19 |
| Diphenyliodonium hexafluoroarsenate | 263-638-0 | 62613-15-4 | 19 |
| 4-(ethylamino)-2-methylbenzenediazonium hexafluoroarsenate | 264-026-6 | 63217-32-3 | 19 |
| 4-(diethylamino)-2-ethoxybenzenediazonium hexafluoroarsenate | 264-027-1 | 63217-33-4 | 19 |
| Antimony arsenic oxide | 264-904-9 | 64475-90-7 | 19 |
| Arsenic bromide | 265-296-8 | 64973-06-4 | 19 |
| Cobalt arsenide | 265-784-0 | 65453-05-6 | 19 |

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| Tris(pentane-2,4-dionato-O,O')silicon hexafluoroarsenate | 266-621-6 | 67251-38-1 | 19 |
| Slimes and Sludges, copper refining | 266-977-2 | 67712-00-9 | 19 |
| Flue dust, arsenic-contg. | 232-434-3 | 8028-73-7 | 19 |
| Lead arsenite | 233-083-9 | 10031-13-7 | 19 |
| Iron arsenate | 233-274-7 | 10102-49-5 | 19 |
| Iron bis(arsenate) | 233-275-2 | 10102-50-8 | 19 |
| Arsenic acid, magnesium salt | 233-285-7 | 10103-50-1 | 19 |
| Arsenic acid, copper salt | 233-286-2 | 10103-61-4 | 19 |
| Arsenic acid, calcium salt | 233-287-8 | 10103-62-5 | 19 |
| Strychnine arsenate | 233-970-0 | 10476-82-1 | 19 |
| Tricopper arsenide | 234-472-6 | 12005-75-3 | 19 |
| Dysprosium arsenide | 234-473-1 | 12005-81-1 | 19 |
| Diron arsenide | 234-474-7 | 12005-88-8 | 19 |
| Gadolinium arsenide | 234-475-2 | 12005-89-9 | 19 |
| Holmium arsenide | 234-476-8 | 12005-92-4 | 19 |
| Lutetium arsenide | 234-477-3 | 12005-94-6 | 19 |
| Manganese arsenide | 234-478-9 | 12005-95-7 | 19 |
| Terbium arsenide | 234-479-4 | 12006-08-5 | 19 |
| Thallium arsenide | 234-481-5 | 12006-09-6 | 19 |
| Thulium arsenide | 234-482-0 | 12006-10-9 | 19 |
| Ytterbium arsenide | 234-483-6 | 12006-12-1 | 19 |
| Iron diarsenide | 234-485-7 | 12006-21-2 | 19 |
| Trizinc diarsenide | 234-486-2 | 12006-40-5 | 19 |
| Iron arsenide | 234-947-8 | 12044-16-5 | 19 |
| Digallium arsenide phosphide | 234-948-3 | 12044-20-1 | 19 |
| Tripotassium arsenide | 234-949-9 | 12044-21-2 | 19 |
| Trilithium arsenide | 234-950-4 | 12044-22-3 | 19 |
| Trisodium arsenide | 234-952-5 | 12044-25-6 | 19 |
| Praseodymium arsenide | 234-953-0 | 12044-28-9 | 19 |
| Trimagnesium diarsenide | 234-954-6 | 12044-49-4 | 19 |
| Diarsenic tritelluride | 234-955-1 | 12044-54-1 | 19 |
| Zinc diarsenide | 234-956-7 | 12044-55-2 | 19 |
| Nickel diarsenide | 235-103-1 | 12068-61-0 | 19 |
| Dichromium arsenide | 235-499-6 | 12254-85-2 | 19 |
| Erbium arsenide | 235-501-5 | 12254-88-5 | 19 |
| Lanthanum arsenide | 235-502-0 | 12255-04-8 | 19 |
| Niobium arsenide | 235-503-6 | 12255-08-2 | 19 |
| Neodymium arsenide | 235-504-1 | 12255-09-3 | 19 |
| Triantimony arsenide | 235-505-7 | 12255-36-6 | 19 |
| Samarium arsenide | 235-506-2 | 12255-39-9 | 19 |
| Yttrium arsenide | 235-507-8 | 12255-48-0 | 19 |
| Tribarium diarsenide | 235-508-3 | 12255-50-4 | 19 |
| Tricalcium diarsenide | 235-509-9 | 12255-53-7 | 19 |
| Germanium arsenide | 235-547-6 | 12271-72-6 | 19 |

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|--|-----------|------------|----|---|
| Dichromium arsenide | 235-499-6 | 12254-85-2 | 19 | |
| Erbium arsenide | 235-501-5 | 12254-88-5 | 19 | |
| Lanthanum arsenide | 235-502-0 | 12255-04-8 | 19 | |
| Niobium arsenide | 235-503-6 | 12255-08-2 | 19 | |
| Neodymium arsenide | 235-504-1 | 12255-09-3 | 19 | |
| Triantimony arsenide | 235-505-7 | 12255-36-6 | 19 | |
| Samarium arsenide | 235-506-2 | 12255-39-9 | 19 | |
| Yttrium arsenide | 235-507-8 | 12255-48-0 | 19 | |
| Tribarium diarsenide | 235-508-3 | 12255-50-4 | 19 | |
| Tricalcium diarsenide | 235-509-9 | 12255-53-7 | 19 | |
| Germanium arsenide | 235-547-6 | 12271-72-6 | 19 | |
| Trisilver arsenide | 235-652-7 | 12417-99-1 | 19 | |
| Arsenic sulfide | 235-720-6 | 12612-21-4 | 19 | |
| Ammonium dihydrogenarsenate | 236-667-1 | 13462-93-6 | 19 | |
| Potassium arsenite | 236-680-2 | 13464-35-2 | 19 | |
| Trisodium arsenite | 236-681-8 | 13464-37-4 | 19 | |
| Trisodium arsenate | 236-682-3 | 13464-38-5 | 19 | |
| Zinc arsenate | 236-683-9 | 13464-44-3 | 19 | |
| Tristrontium diarsenate | 236-684-4 | 13464-68-1 | 19 | |
| Tribarium diarsenate | 236-762-8 | 13477-04-8 | 19 | |
| Trinickel bis(arsenate) | 236-771-7 | 13477-70-8 | 19 | |
| Trilithium arsenate | 236-773-8 | 13478-14-3 | 19 | |
| Trisilver arsenate | 236-841-7 | 13510-44-6 | 19 | |
| Sodium metaarsenate | 239-171-3 | 15120-17-9 | 19 | |
| Copper diarsenite | 240-574-1 | 16509-22-1 | 19 | |
| Potassium hexafluoroarsenate | 241-102-7 | 17029-22-0 | 19 | |
| Hydrogen hexafluoroarsenate | 241-128-9 | 17068-85-8 | 19 | |
| N-(p-arsenosophenyl)-1,3,5-triazine-2,4,6-triamine | 244-612-8 | 21840-08-4 | 19 | |
| Aluminium arsenide | 245-255-0 | 22831-42-1 | 19 | |
| Organostannic compounds | - | - | 20 | https://echa.europa.eu/documents/10162/7bd363a8-da41-460f-838d-3326b3fb7bd4 |
| Di- μ -oxo-di-n-butylstanniohydroxyborane / Dibutyltin hydrogen borate C ₈ H ₁₉ BO ₃ Sn (DBB) | 401-040-5 | 75113-37-0 | 21 | https://echa.europa.eu/documents/10162/ce4f0c81-1ba1-4b5d-8d6e-6e1e05a36902 |

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|---|-----------|------------|----|---|
| Pentachlorophenol and its salts and esters | - | - | 22 | |
| Pentachlorophenol esters | - | - | 22 | |
| Pentachlorophenol salts | - | - | 22 | |
| N2-benzyl pentachlorophenyl N2-carboxy-L-(2-aminoglutarate) | 237-155-0 | 13673-51-3 | 22 | |
| Perchlorophenyl N-(benzyloxycarbonyl)-L-isoleucinate | 237-156-6 | 13673-53-5 | 22 | |
| Perchlorophenyl S-benzyl-N-(benzyloxycarbonyl)-L-cysteinate | 237-157-1 | 13673-54-6 | 22 | https://echa.europa.eu/documents/10162/f92b0bfe-82ca-4a4d-b618-c674065c9d9e |
| Perchlorophenyl 5-oxo-L-prolinate | 249-360-2 | 28990-85-4 | 22 | |
| Pentachlorophenol | 201-778-6 | 87-86-5 | 22 | |
| Sodium pentachlorophenolate | 205-025-2 | 131-52-2 | 22 | |
| Zinc bis(pentachlorophenolate) | 220-847-1 | 2917-32-0 | 22 | |
| Pentachlorophenyl laurate | 223-220-0 | 3772-94-9 | 22 | |
| Potassium pentachlorophenolate | 231-911-3 | 7778-73-6 | 22 | |
| Pentachlorophenyl N-[[4-methoxyphenyl)methoxy]carbonyl]-L-serinate | 245-508-5 | 23234-97-1 | 22 | |
| Cadmium and its compounds | - | - | 23 | |
| Bis[N,N-bis(carboxymethyl)glycinato(3-)]tricadmium | 256-679-0 | 50648-02-7 | 23 | |
| Boric acid, cadmium salt | 257-067-6 | 51222-60-7 | 23 | |
| Cadmium o-toluate | 257-860-7 | 52337-78-7 | 23 | |
| Cadmium bis(4-cyclohexylbutyrate) | 259-767-7 | 55700-14-6 | 23 | |
| Cadmium divalerate | 260-498-2 | 56982-42-4 | 23 | |
| Cadmium sulfoselenide red | 261-218-1 | 58339-34-7 | 23 | |
| Naphthenic acids, cadmium salts | 263-053-0 | 61789-34-2 | 23 | |
| Cadmium neodecanoate | 263-352-6 | 61951-96-0 | 23 | |
| Cadmium bis(heptadecanoate) | 263-434-1 | 62149-56-8 | 23 | |
| Cadmium pentadecanoate | 264-124-9 | 63400-09-9 | 23 | |
| (S)-dichloro[2-[[[(2,3-dihydroxypropoxy)hydroxyphosphinyl]oxy]triethylmethylammoniumato]cadmium | 265-010-1 | 64681-08-9 | 23 | https://echa.europa.eu/documents/10162/3bfe8a3-8c97-4d85-ae0b-ac6827de49a9 |
| Bis(propane-1,2-diyl)diamine-N,N')cadmium(2+) bis[bis(cyano-C)aurate(1-)] | 267-692-6 | 67906-19-8 | 23 | |
| Cadmium dilinoleate | 267-845-7 | 67939-62-2 | 23 | |
| Tetrapotassium [[[[nitri]tris(methylene)]tris[phosphonato]](6-)-N,O,O',O''']cadmate(6-) | 268-020-4 | 67989-93-9 | 23 | |
| Cadmium m-toluate | 268-458-6 | 68092-45-5 | 23 | |
| Fatty acids, C10-18, cadmium salts | 268-620-6 | 68131-58-8 | 23 | |
| Fatty acids, C12-18, cadmium salts | 268-621-1 | 68131-59-9 | 23 | |

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| Benzyltriphenylphosphonium tetrachlorocadmate | 269-289-0 | 68214-25-5 | 23 |
| Pentapotassium hydrogen [[[(ethylenebis[nitrilobis(methylene)]]]tetraakis[phosphonato]](8-)]cadmate(6-) | 269-685-3 | 68309-98-8 | 23 |
| Cadmium sulfide (CdS), solid soln. with zinc sulfide, copper and lead-doped | 269-773-1 | 68332-81-0 | 23 |
| Fatty acids, C14-18, cadmium salts | 270-067-0 | 68409-82-5 | 23 |
| Cadmium, benzoate p-tert-butylbenzoate complexes | 270-824-5 | 68478-53-5 | 23 |
| Pyrochlore, bismuth cadmium ruthenium | 270-855-4 | 68479-13-0 | 23 |
| Cadmium sulfide (CdS), solid soln. with zinc sulfide, aluminum and cobalt and copper and silver-doped | 272-220-7 | 68784-10-1 | 23 |
| Barium cadmium calcium chloride fluoride phosphate, antimony and manganese-doped | 272-257-9 | 68784-55-4 | 23 |
| Fatty acids, tall-oil, cadmium salts | 272-499-5 | 68855-80-1 | 23 |
| Fatty acids, C8-18 and C18-unsatd., cadmium salts | 272-529-7 | 68876-84-6 | 23 |
| Cadmium sulfide (CdS), aluminum and copper-doped | 272-539-1 | 68876-98-2 | 23 |
| Cadmium sulfide (CdS), aluminum and silver-doped | 272-540-7 | 68876-99-3 | 23 |
| Cadmium sulfide (CdS), copper chloride-doped | 272-541-2 | 68877-00-9 | 23 |
| Cadmium sulfide (CdS), silver chloride-doped | 272-542-8 | 68877-01-0 | 23 |
| Cadmium sulfide (CdS), copper and lead-doped | 272-581-0 | 68891-87-2 | 23 |
| Fatty acids, tallow, hydrogenated, cadmium salts | 273-203-7 | 68953-39-9 | 23 |
| Resin acids and Rosin acids, cadmium salts | 273-320-3 | 68956-81-0 | 23 |
| Hydrogen [4-[(5-chloro-4-methyl-2-sulphophenyl)azo]-3-hydroxynaphthalene-2-carboxylato(3-)]cadmate(1-) | 273-461-0 | 68966-97-2 | 23 |
| Cadmium, dross | 273-707-7 | 69011-69-4 | 23 |
| Wastewater, cadmium sulfate electrolytic, acid | 273-721-3 | 69012-21-1 | 23 |
| Flue dust, cadmium-refining | 273-754-3 | 69012-57-3 | 23 |
| Calcines, cadmium residue | 273-806-5 | 69029-63-6 | 23 |
| Leach residues, cadmium-refining | 273-811-2 | 69029-70-5 | 23 |
| Residues, cadmium-refining | 273-819-6 | 69029-77-2 | 23 |
| Slimes and Sludges, cadmium-refining, oxidized | 273-831-1 | 69029-90-9 | 23 |

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| Slimes and Sludges, cadmium sump tank | 273-832-7 | 69029-91-0 | 23 |
| Cadmium(2+) 12-hydroxyoctadecanoate | 273-881-4 | 69121-20-6 | 23 |
| Cadmium potassium 1-(hydroxyethylidene)bisphosphonate(1:2:1) | 273-906-9 | 69190-99-4 | 23 |
| Fatty acids, C12-18, barium cadmium salts | 274-304-9 | 70084-75-2 | 23 |
| Cadmium selenide (CdSe), solid soln. with cadmium sulfide | 275-290-7 | 71243-75-9 | 23 |
| (R)-12-hydroxyoleic acid, barium cadmium salt | 275-370-1 | 71411-66-0 | 23 |
| Tetra- μ -chlorodichlorobis[2-[[[(2,3-dihydroxypropoxy)hydroxyphosphinyl]oxy]triethylmethylammoniumato]tricadmium, stereoisomer | 276-100-5 | 71861-27-3 | 23 |
| Fatty acids, coco, cadmium salts | 276-952-8 | 72869-63-7 | 23 |
| Zircon, cadmium yellow | 277-135-9 | 72968-34-4 | 23 |
| Cadmium isononanoate | 283-660-4 | 84696-56-0 | 23 |
| Cadmium isooctadecanoate | 284-428-5 | 84878-36-4 | 23 |
| Cadmium tert-decanoate | 284-429-0 | 84878-37-5 | 23 |
| Cadmium bis(nonylphenolate) | 284-441-6 | 84878-48-8 | 23 |
| Cadmium bis(octylphenolate) | 284-444-2 | 84878-51-3 | 23 |
| Flue dust, lead-manufg., cadmium-rich | 285-554-3 | 85117-02-8 | 23 |
| Waste solids, cadmium-electrolysis, thallium-rich | 285-572-1 | 85117-20-0 | 23 |
| Fatty acids, C9-11-branched, cadmium salts | 287-817-8 | 85586-15-8 | 23 |
| Bis(5-oxo-L-prolinato-N1,O2)cadmium | 288-974-5 | 85958-86-7 | 23 |
| Bis(5-oxo-DL-prolinato-N1,O2)cadmium | 289-081-3 | 85994-31-6 | 23 |
| Benzenesulfonic acid, mono-C10-13-alkyl derivs., cadmium salts | 290-645-6 | 90194-35-7 | 23 |
| Benzoic acid, cadmium salt, basic | 290-764-3 | 90218-85-2 | 23 |
| Decanoic acid, branched, cadmium salts | 291-155-5 | 90342-19-1 | 23 |
| Hexanoic acid, 2-ethyl-, cadmium salt, basic | 291-438-3 | 90411-62-4 | 23 |
| Propanoic acid, cadmium salt, basic | 292-013-5 | 90529-78-5 | 23 |
| Cadmium zinc lithopone yellow | 292-385-9 | 90604-89-0 | 23 |
| Cadmium lithopone yellow | 292-386-4 | 90604-90-3 | 23 |
| Leach residues, cadmium cake | 293-309-7 | 91053-44-0 | 23 |
| Leach residues, zinc ore-calcine, cadmium-copper ppt. | 293-311-8 | 91053-46-2 | 23 |
| Fatty acids, castor-oil, hydrogenated, cadmium salts | 294-296-0 | 91697-35-7 | 23 |
| Fatty acids, C8-10-branched, cadmium salts | 296-092-7 | 92257-06-2 | 23 |
| Leach residues, zinc refining flue dust, cadmium-thallium ppt. | 296-097-4 | 92257-11-9 | 23 |

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| Fatty acids, C9-13-neo-, cadmium salts | 296-441-3 | 92704-12-6 | 23 |
| Fatty acids, olive-oil, cadmium salts | 296-445-5 | 92704-15-9 | 23 |
| Fatty acids, peanut-oil, cadmium salts | 296-449-7 | 92704-19-3 | 23 |
| Fatty acids, rape-oil, cadmium salts | 296-454-4 | 92704-24-0 | 23 |
| Fatty acids, C14-18 and C18-unsatd., branched and linear, hydrogenated, cadmium salts | 296-564-2 | 92797-28-9 | 23 |
| Nonanoic acid, branched, cadmium salt | 297-692-1 | 93686-40-9 | 23 |
| Carbonic acid, cadmium salt | 298-586-8 | 93820-02-1 | 23 |
| Bis(2-ethylhexyl mercaptoacetato - O',S)cadmium | 299-281-2 | 93858-50-5 | 23 |
| Cadmium bis(o-nonylphenolate) | 299-701-4 | 93894-07-6 | 23 |
| Cadmium bis(p-nonylphenolate) | 299-703-5 | 93894-08-7 | 23 |
| Cadmium bis[p-(1,1,3,3-tetramethylbutyl)phenolate] | 299-704-0 | 93894-09-8 | 23 |
| Cadmium (Z)-hexadec-9-enoate | 299-705-6 | 93894-10-1 | 23 |
| Cadmium isodecanoate | 300-973-4 | 93965-24-3 | 23 |
| Cadmium bis(isoundecanoate) | 300-980-2 | 93965-30-1 | 23 |
| Cadmium dimethylhexanoate | 301-320-6 | 93983-65-4 | 23 |
| Cadmium tetrapentyl bis(phosphate) | 303-977-4 | 94232-49-2 | 23 |
| Cadmium isooctyl phthalate (1:2:2) | 304-193-5 | 94247-16-2 | 23 |
| Cadmium (1-ethylhexyl) phthalate (1:2:2) | 304-482-6 | 94275-93-1 | 23 |
| Cadmium octyl phthalate (1:2:2) | 304-483-1 | 94275-94-2 | 23 |
| Leach residues, cadmium-contg. flue dust | 305-417-4 | 94551-70-9 | 23 |
| Cadmium isohexadecanoate | 306-072-2 | 95892-12-9 | 23 |
| Cadmium diisobutyl dimaleate | 306-446-5 | 97259-82-0 | 23 |
| Zircon, cadmium orange | 309-029-6 | 99749-34-5 | 23 |
| Cadmium chloride phosphate (Cd5Cl(PO4)3), manganese-doped | 309-489-8 | 100402-53-7 | 23 |
| Flue dust, copper-lead blast furnace, cadmium-indium-enriched | 309-645-5 | 100656-55-1 | 23 |
| Dodecanoic acid, cadmium salt, basic | 309-789-9 | 101012-89-9 | 23 |
| Octadecanoic acid, cadmium salt, basic | 309-794-6 | 101012-93-5 | 23 |
| Octadecanoic acid, 12-hydroxy-, cadmium salt, basic | 309-795-1 | 101012-94-6 | 23 |
| Cadmium oxide (CdO), solid soln. with calcium oxide and titanium oxide (TiO2), praseodymium-doped | 309-896-0 | 101356-99-4 | 23 |
| Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, aluminum and copper-doped | 309-897-6 | 101357-00-0 | 23 |
| Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, copper and manganese-doped | 309-898-1 | 101357-01-1 | 23 |
| Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, europium-doped | 309-899-7 | 101357-02-2 | 23 |

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| Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, gold and manganese-doped | 309-900-0 | 101357-03-3 | 23 |
| Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, manganese and silver-doped | 309-901-6 | 101357-04-4 | 23 |
| Cadmium oxide (CdO), solid soln. with magnesium oxide, tungsten oxide (WO ₃) and zinc oxide | 310-029-3 | 102110-30-5 | 23 |
| Silicic acid, zirconium salt, cadmium pigment-encapsulated | 310-077-5 | 102184-95-2 | 23 |
| CADMIUM ACETATE, DIHYDRATE | 611-525-5 | 5743-04-4 | 23 |
| cadmium sulphate hydrate (3:8) | 616-572-5 | 7790-84-3 | 23 |
| Cadmium (II) chloride monohydrate | 621-024-3 | 35658-65-2 | 23 |
| Cadmium perchlorate hexahydrate | 629-339-8 | 10326-28-0 | 23 |
| Cadmium chloride hydrate | 629-592-4 | 654054-66-7 | 23 |
| cadmium chloride, hydrate(2:5) | 640-998-0 | 7790-78-5 | 23 |
| Cadmium compounds | - | - | 23 |
| Cadmium wolframate | 232-226-2 | 7790-85-4 | 23 |
| Cadmium zinc sulfide yellow | 232-466-8 | 8048-07-5 | 23 |
| Cadmium chloride | 233-296-7 | 10108-64-2, 35658-65-2 | 23 |
| Cadmium sulphate | 233-331-6 | 7790-84-3, 10124-36-4, 31119-53-6 | 23 |
| Cadmium myristate | 233-489-6 | 10196-67-5 | 23 |
| Cadmium nitrate | 233-710-6 | 10022-68-1, 10325-94-7 | 23 |
| Cadmium dioleate | 233-954-3 | 10468-30-1 | 23 |
| Cadmium selenide sulphide | 234-342-9 | 11112-63-3 | 23 |
| Cadmium titanium trioxide | 234-593-4 | 12014-14-1 | 23 |
| Tricadmium diphosphide | 234-595-5 | 12014-28-7 | 23 |
| Antimony, compound with cadmium (2:3) | 234-596-0 | 12014-29-8 | 23 |
| Cadmium zirconium trioxide | 235-251-7 | 12139-23-0 | 23 |
| Pentacadmium chloridetriphosphate | 235-353-1 | 12185-64-7 | 23 |
| Dicadmium niobate | 235-357-3 | 12187-14-3 | 23 |
| Dicadmium selenide sulphide | 235-392-4 | 12214-12-9 | 23 |
| Cadmium ditantalum hexaoxide | 235-561-2 | 12292-07-8 | 23 |
| Cadmium zinc sulphide | 235-672-6 | 12442-27-2 | 23 |
| Cadmium selenide sulfide | 235-724-8 | 12626-36-7 | 23 |
| Cadmium sulfoselenide orange | 235-758-3 | 12656-57-4 | 23 |
| Tricadmium bis(phosphate) | 236-764-9 | 13477-17-3 | 23 |
| Cadmium silicate | 236-765-4 | 13477-19-5 | 23 |
| Cadmium sulphite | 236-767-5 | 13477-23-1 | 23 |
| Diboron tricadmium hexaoxide | 237-225-0 | 13701-66-1 | 23 |
| Dicadmium hexakis(cyano-C)ferrate(4-) | 237-341-1 | 13755-33-4 | 23 |
| Cadmium selenite | 237-480-8 | 13814-59-0 | 23 |
| Cadmium selenate | 237-481-3 | 13814-62-5 | 23 |
| Cadmium diricinoleate | 237-544-5 | 13832-25-2 | 23 |

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| Cadmium orthophosphate | 237-581-7 | 13847-17-1 | 23 |
| Cadmium molybdenum tetroxide | 237-752-6 | 13972-68-4 | 23 |
| Cadmium disulphamate | 237-832-0 | 14017-36-8 | 23 |
| Cadmium hydrogen phosphate | 237-920-9 | 14067-62-0 | 23 |
| Cadmium bis(diethyldithiocarbamate) | 238-113-4 | 14239-68-0 | 23 |
| Cadmium chromate | 238-252-0 | 14312-00-6 | 23 |
| Cadmium dipotassium tetracyanide | 238-371-8 | 14402-75-6 | 23 |
| Cadmium tetrafluoroborate | 238-490-5 | 14486-19-2 | 23 |
| Bis(dibutyldithiocarbamate-S,S')cadmium | 238-609-0 | 14566-86-0 | 23 |
| Bis(pentane-2,4-dionato-O,O')cadmium | 238-730-9 | 14689-45-3 | 23 |
| Tris(ethylenediamine)cadmium dihydroxide | 238-945-8 | 14874-24-9 | 23 |
| Cadmium diicosanoate | 238-994-5 | 14923-81-0 | 23 |
| Cadmium bis(piperidine-1-carbodithioate) | 239-025-9 | 14949-59-8 | 23 |
| Bis(dimethyldithiocarbamate-S,S')cadmium | 239-026-4 | 14949-60-1 | 23 |
| Lauric acid, barium cadmium salt | 239-371-0 | 15337-60-7 | 23 |
| Disodium tetrakis(cyano-C)cadmate(2-) | 239-765-2 | 15682-87-8 | 23 |
| Dipotassium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']cadmate(2-) | 239-801-7 | 15708-29-9 | 23 |
| Cadmium acrylate | 239-835-2 | 15743-19-8 | 23 |
| Cadmium tellurium trioxide | 239-963-9 | 15851-44-2 | 23 |
| Cadmium tellurium tetraoxide | 239-973-3 | 15852-14-9 | 23 |
| Cadmium dilactate | 240-181-5 | 16039-55-7 | 23 |
| Cadmium divanadium hexoxide | 240-203-3 | 16056-72-7 | 23 |
| 5-oxo-L-proline, cadmium salt | 240-269-3 | 16105-06-9 | 23 |
| Cadmium propionate | 241-066-2 | 16986-83-7 | 23 |
| Cadmium hexafluorosilicate(2-) | 241-084-0 | 17010-21-8 | 23 |
| Bis(ethylenediamine)cadmium(2+) bis[dicyanoaurate(1-)] | 242-708-4 | 18974-20-4 | 23 |
| Cadmium diphenolate | 242-727-8 | 18991-05-4 | 23 |
| Cadmium bis(dipentyldithiocarbamate) | 242-747-7 | 19010-65-2 | 23 |
| Cadmium disalicylate | 242-749-8 | 19010-79-8 | 23 |
| Cadmium hydroxide | 244-168-5 | 21041-95-2 | 23 |
| Cadmium methacrylate | 246-183-2 | 24345-60-6 | 23 |
| Cadmium epoxyoctadecanoate | 247-560-4 | 26264-48-2 | 23 |
| Cadmium succinate | 205-446-1 | 141-00-4 | 23 |
| Dimethylcadmium | 208-055-4 | 506-82-1 | 23 |
| Cadmium carbonate | 208-168-9 | 513-78-0 | 23 |
| Cadmium cyanide | 208-829-1 | 542-83-6 | 23 |
| Cadmium di(acetate) | 208-853-2 | 543-90-8, 5743-04-4 | 23 |
| Cadmium oxalate | 212-408-8 | 814-88-0 | 23 |
| Cadmium dithiocyanate | 212-738-2 | 865-38-3 | 23 |
| Barium cadmium tetrastearate | 214-740-9 | 1191-79-3 | 23 |
| Cadmium oxide | 215-146-2 | 1306-19-0 | 23 |
| Cadmium sulphide | 215-147-8 | 1306-23-6 | 23 |
| Cadmium selenide | 215-148-3 | 1306-24-7 | 23 |
| Cadmium telluride | 215-149-9 | 1306-25-8 | 23 |

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| Cadmium di(octanoate) | 218-585-8 | 2191-10-8 | 23 | |
| Cadmium distearate | 218-743-6 | 2223-93-0 | 23 | |
| Cadmium p-toluate | 219-345-5 | 2420-97-5 | 23 | |
| Cadmium bis(2-ethylhexanoate) | 219-346-0 | 2420-98-6 | 23 | |
| Cadmium dilaurate | 220-017-9 | 2605-44-9 | 23 | |
| Cadmium didecanoate | 220-650-0 | 2847-16-7 | 23 | |
| Cadmium bis[benzoate] | 221-187-7 | 3026-22-0 | 23 | |
| Cadmium 4-(1,1-dimethylethyl)benzoate | 224-022-7 | 4167-05-9 | 23 | |
| Cadmium cinnamate | 224-509-4 | 4390-97-0 | 23 | |
| Cadmium diformate | 224-729-0 | 4464-23-7 | 23 | |
| Cadmium sebacate | 224-754-7 | 4476-04-4 | 23 | |
| Cadmium nonan-1-oate | 225-839-1 | 5112-16-3 | 23 | |
| Cadmium dipalmitate | 229-199-4 | 6427-86-7 | 23 | |
| Cadmium dianthranilate | 230-343-3 | 7058-55-1 | 23 | |
| Cadmium | 231-152-8 | 7440-43-9 | 23 | |
| Cadmium bromide | 232-165-1 | 7789-42-6 | 23 | |
| Cadmium fluoride | 232-222-0 | 7790-79-6 | 23 | |
| Cadmium iodide | 232-223-6 | 7790-80-9 | 23 | |
| Cadmium iodate | 232-224-1 | 7790-81-0 | 23 | |
| Cadmium dinitrite | 232-225-7 | 7790-83-2 | 23 | |
| Cadmium toluate | 248-480-2 | 27476-27-3 | 23 | |
| [[N,N'-ethylenebis(glycinato)](2-)-N,N',O,O']cadmium | 249-987-1 | 29977-13-7 | 23 | |
| Cadmium isooctanoate | 250-118-3 | 30304-32-6 | 23 | |
| Cadmium dodecylbenzenesulphonate | 250-433-6 | 31017-44-4 | 23 | |
| Cadmium (1,1-dimethylethyl)benzoate | 250-515-1 | 31215-94-8 | 23 | |
| Cadmium [R-(R*,R*)]-tartrate | 251-827-0 | 34100-40-8 | 23 | |
| Cadmium didocosanoate | 251-927-4 | 34303-23-6 | 23 | |
| Cadmium 3,5,5-trimethylhexanoate | 252-918-8 | 36211-44-6 | 23 | |
| Cadmium(2+) (R)-12-hydroxyoctadecanoate | 253-979-3 | 38517-19-0 | 23 | |
| Potassium [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O']cadmate(1-) | 256-488-2 | 49784-42-1 | 23 | |
| Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 | - | 76253-60-6 | 24 | https://echa.europa.eu/documents/10162/1d81010a-17e1-4026-b01c-70f647c7356b |
| Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121, Ugilec 21 | - | - | 25 | https://echa.europa.eu/documents/10162/08960286-ad89-47b1-a538-7f4c8d7d9074 |
| Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT | - | 99688-47-8 | 26 | https://echa.europa.eu/documents/10162/47f2539-e5fc-48e4-9136-1ded27dda4fc |
| Nickel and its compounds | - | - | 27 | |
| Nickel compounds | - | - | 27 | https://echa.europa.eu/documents/10162/7851171d-53e9-455a-8bb8-7ca22e89ad87 |
| Nickel | 231-111-4 | 7440-02-0 | 27 | |

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| Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as carcinogen category 1A or 1B (Table 3.1) or carcinogen category 1 or 2 (Table 3.2) and listed as follows (See group members): | - | - | 28 | https://echa.europa.eu/documents/10162/caa50aef-640d-43b6-8eb0-6c9c542afa70 |
| Carcinogen category 1B (Table 3.1)/ carcinogen category 2 (Table 3.2) listed in Appendix 2 | - | - | 28 | |
| Carcinogen category 1A (Table 3.1)/ carcinogen category 1 (Table 3.2) listed in Appendix 1 | - | - | 28 | |
| Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as germ cell mutagen category 1A or 1B (Table 3.1) or mutagen category 1 or 2 (Table 3.2) and listed as follows (See group members): | - | - | 29 | https://echa.europa.eu/documents/10162/91135346-5343-4772-9e2e-185d0a403ed5 |
| Mutagen category 1B (Table 3.1)/ mutagen category 2 (Table 3.2) listed in Appendix 4 | - | - | 29 | |
| Mutagen category 1A (Table 3.1)/ mutagen category 1 (Table 3.2) listed in Appendix 3 | - | - | 29 | |
| Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic to reproduction category 1A or 1B (Table 3.1) or toxic to reproduction category 1 or 2 (Table 3.2) and listed as follows (See group members): | - | - | 30 | https://echa.europa.eu/documents/10162/fc55e515-6325-4872-8156-5b5451af20b4 |
| Reproductive toxicant category 1B adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 2 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 6 | - | - | 30 | |
| Reproductive toxicant category 1A adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 1 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 5 | - | - | 30 | |
| Entry 31 | - | - | 31 | https://echa.europa.eu/documents/10162/3bbeb1d6-82f7-42b0-9e4c-d8ea9db7ddd3 |
| Creosote oil; wash oil | 263-047-8 | 61789-28-4 | 31 | |
| Tar acids, coal, crude; crude phenols | 266-019-3 | 65996-85-2 | 31 | |
| Distillates (coal tar), upper; heavy anthracene oil | 266-026-1 | 65996-91-0 | 31 | |
| Distillates (coal tar), naphthalene oils; naphthalene oil | 283-484-8 | 84650-04-4 | 31 | |
| Creosote, wood | 232-419-1 | 8021-39-4 | 31 | |

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| Creosote oil, acenaphthene fraction; wash oil | 292-605-3 | 90640-84-9 | 31 | |
| Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline | 310-191-5 | 122384-78-5 | 31 | |
| Creosote; wash oil | 232-287-5 | 8001-58-9 | 31 | |
| Anthracene oil | 292-602-7 | 90640-80-5 | 31 | |
| Chloroform | 200-663-8 | 67-66-3 | 32 | https://echa.europa.eu/documents/10162/3a704004-7613-4635-8f97-d5e06a3dd860 |
| 1,1,2-Trichloroethane | 201-166-9 | 79-00-5 | 34 | https://echa.europa.eu/documents/10162/b6152d9d-052a-4f8c-849f-661fa4b39e99 |
| 1,1,2,2-Tetrachloroethane | 201-197-8 | 79-34-5 | 35 | https://echa.europa.eu/documents/10162/efc8a7e-d8cb-4ab3-a266-80e92c515780 |
| 1,1,1,2-Tetrachloroethane | - | 630-20-6 | 36 | https://echa.europa.eu/documents/10162/0eaea875-9f18-4164-98af-a46ee96b6493 |
| Pentachloroethane | 200-925-1 | 76-01-7 | 37 | https://echa.europa.eu/documents/10162/29afaaf7-80f9-41a5-bf70-6bea78773e65 |
| 1,1-Dichloroethene | 200-864-0 | 75-35-4 | 38 | https://echa.europa.eu/documents/10162/47239303-dea1-4d12-8a2f-b95bc7c5f1b8 |
| Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not | - | - | 40 | https://echa.europa.eu/documents/10162/1334f4e4-caf0-4473-b5f9-f8a8d17c5c57 |
| Hexachloroethane | 200-666-4 | 67-72-1 | 41 | https://echa.europa.eu/documents/10162/81999653-d3c7-4f71-88a3-2c9373b12d52 |
| Azocolourants and Azodyes | - | - | 43 | https://echa.europa.eu/documents/10162/6ff5910f-f80b-41c3-9c15-026731e4c03d |
| Diphenylether, octabromo derivative C ₁₂ H ₂ Br ₈ O | - | - | 45 | https://echa.europa.eu/documents/10162/ce525a61-dbc8-4847-965f-db4f6136d5b5 |
| Entry 46 | - | - | 46 | |
| Nonylphenol ethoxylates (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O | - | - | 46 | https://echa.europa.eu/documents/10162/b91a8a69-f38e-4a35-ab7d-e475e5926988 |
| Nonylphenol C ₆ H ₄ (OH)C ₉ H ₁₉ | 246-672-0 | 25154-52-3 | 46 | |
| Nonylphenol ethoxylates (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O | - | - | 46a | |
| Nonylphenol, ethoxylated | 500-024-6 | 9016-45-9 | 46a | |
| 4-Nonylphenol, ethoxylated | 500-045-0 | 26027-38-3 | 46a | |
| Isononylphenol, ethoxylated | 609-346-2 | 37205-87-1 | 46a | https://echa.europa.eu/documents/10162/7dcd73a4-e80d-47c5-ba0a-a5f4361bf4b1 |
| 4-Nonylphenol, branched, ethoxylated | 500-315-8 | 127087-87-0 | 46a | |
| Nonylphenol, branched, ethoxylated | 500-209-1 | 37205-87-1, 68412-54-4 | 46a | |
| Chromium VI compounds | - | - | 47 | https://echa.europa.eu/documents/10162/1f775bd4-b1b0-4847-937f-d6a37e2c0c98 |
| Toluene | 203-625-9 | 108-88-3 | 48 | https://echa.europa.eu/documents/10162/f28ce048-676d-4d17-b939-0c08e9a0db9f |
| Trichlorobenzene | 204-428-0 | 120-82-1 | 49 | https://echa.europa.eu/documents/10162/fa5ae031-f3bb-41c5-87d2-dde74ccc4d56 |

| | | | | |
|--|-----------|------------|----|---|
| Polycyclic-aromatic hydrocarbons (PAH) | - | - | 50 | |
| Benzo[a]pyrene (BaP) | - | 50-32-8 | 50 | |
| Dibenzo[a,h]anthracene (DBA _h A) | - | 53-70-3 | 50 | |
| Benzo[a]anthracene (BaA) | - | 56-55-3 | 50 | |
| Chrysen (CHR) | - | 218-01-9 | 50 | https://echa.europa.eu/documents/10162/176064a8-0896-4124-87e1-75cdf2008d59 |
| Benzo[j]fluoranthene (BjFA) | - | 205-82-3 | 50 | |
| Benzo[b]fluoranthene (BbFA) | - | 205-99-2 | 50 | |
| Benzo[k]fluoranthene (BkFA) | - | 207-08-9 | 50 | |
| Benzo[e]pyrene (BeP) | - | 192-97-2 | 50 | |
| The following phthalates (or other CAS and EC numbers covering the substance) (See group members) [Entry 51] | - | - | 51 | https://echa.europa.eu/documents/10162/0e5f0f56-f1c1-4c13-86d2-6ede98a1f85f |
| Dibutyl phthalate (DBP) | 201-557-4 | 84-74-2 | 51 | |
| Bis (2-ethylhexyl) phthalate (DEHP) | 204-211-0 | 117-81-7 | 51 | |
| Benzyl butyl phthalate (BBP) | 201-622-7 | 85-68-7 | 51 | |
| The following phthalates (or other CAS and EC numbers covering the substance) (See group members) [Entry 52] | - | - | 52 | https://echa.europa.eu/documents/10162/57096439-2ddd-4f14-b832-85181a09f595 |
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | 271-090-9 | 68515-48-0 | 52 | |
| 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich | 271-091-4 | 68515-49-1 | 52 | https://echa.europa.eu/documents/10162/57096439-2ddd-4f14-b832-85181a09f595 |
| Di-"isononyl" phthalate (DINP) | 249-079-5 | 28553-12-0 | 52 | |
| Di-"isodecyl" phthalate (DIDP) | 247-977-1 | 26761-40-0 | 52 | |
| Di-n-octyl phthalate (DNOP) | 204-214-7 | 117-84-0 | 52 | |
| 2-(2-methoxyethoxy)ethanol (DEGME) | 203-906-6 | 111-77-3 | 54 | https://echa.europa.eu/documents/10162/c0b7baea-d2d6-4fa5-86b8-c322ab573d8f |
| 2-(2-butoxyethoxy)ethanol (DEGBE) | 203-961-6 | 112-34-5 | 55 | https://echa.europa.eu/documents/10162/9e666f9e-efe4-4fc5-ac35-66c557bcc0dc |
| Methylenediphenyl diisocyanate (MDI) including the following specific isomers (See group members): | - | - | 56 | |
| 4,4'-Methylenediphenyl diisocyanate | 202-966-0 | 101-68-8 | 56 | https://echa.europa.eu/documents/10162/46cb2ae0-ee6b-4319-8604-b5b1d4a41d53 |
| 2,2'-Methylenediphenyl diisocyanate | 219-799-4 | 2536-05-2 | 56 | |
| Methylenediphenyl diisocyanate (MDI) | 247-714-0 | 26447-40-5 | 56 | |
| 2,4'-Methylenediphenyl diisocyanate | 227-534-9 | 5873-54-1 | 56 | |
| Cyclohexane | 203-806-2 | 110-82-7 | 57 | https://echa.europa.eu/documents/10162/ca2ec609-0177-402a-911f-6ac524275d6e |
| Ammonium nitrate (AN) | 229-347-8 | 6484-52-2 | 58 | https://echa.europa.eu/documents/10162/0dab7a72-084b-4460-a8ea-74b9f40b1e35 |
| Dichloromethane | 200-838-9 | 75-09-2 | 59 | https://echa.europa.eu/documents/10162/0ea58491-bb76-4a47-b1d2-36faa1e0f290 |
| Acrylamide | 201-173-7 | 79-06-1 | 60 | https://echa.europa.eu/documents/10162/701f6c15-98ec-4611-ac63-35fcca2e4047 |
| Dimethylfumarate (DMF) | 210-849-0 | 624-49-7 | 61 | https://echa.europa.eu/documents/10162/f9d87b89-5870-483f-bd8a-a5cfe18095cd |

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|--|------------------------|----------------------|----|---|
| Entry 62 | - | - | 62 | |
| Phenylmercury octanoate | - | 13864-38-5 | 62 | |
| Phenylmercury acetate | 200-532-5 | 62-38-4 | 62 | https://echa.europa.eu/documents/10162/492c2db0-7db6-4d76-8347-fca1b22c0c7d |
| Phenylmercury neodecanoate | 247-783-7 | 26545-49-3 | 62 | |
| Phenylmercury 2-ethylhexanoate | 236-326-7 | 13302-00-6 | 62 | |
| Phenylmercury propionate | 203-094-3 | 103-27-5 | 62 | |
| Lead and its compounds | - | - | 63 | |
| Lead | 231-100-4 | 7439-92-1 | 63 | https://echa.europa.eu/documents/10162/3f17bafa-d554-4825-b9d5-abe853c2fda2 |
| Lead compounds | - | - | 63 | |
| 1,4-Dichlorobenzene | 203-400-5 | 106-46-7 | 64 | https://echa.europa.eu/documents/10162/f4a325ee-70ff-4324-ab82-b9cf29c54018 |
| Inorganic ammonium salts | - | - | 65 | https://echa.europa.eu/documents/10162/cea529c-8aed-471a-9010-b465ac833b38 |
| 4,4'-isopropylidenediphenol | 201-245-8 | 80-05-7 | 66 | https://echa.europa.eu/documents/10162/370b5de7-9507-f1b4-edc6-80ef2e5cd781 |
| Bis(pentabromophenyl) ether | 214-604-9 | 1163-19-5 | 67 | https://echa.europa.eu/documents/10162/ac3aefaa-3cf1-1af4-3315-764f1ce4c7ba |
| Pentadecafluorooctanoic acid | 206-397-9 | 335-67-1 | 68 | https://echa.europa.eu/documents/10162/7a04b630-e00a-a9c5-bc85-0de793f6643c |
| Methanol | 200-659-6 | 67-56-1 | 69 | https://echa.europa.eu/documents/10162/a8e79557-a434-0f1c-3daa-1c268e2e8ea8 |
| Octamethylcyclotetrasiloxane (D4) Decamethylcyclopentasiloxane (D5) | 209-136-7 208-764-9 | 556-67-2 541-02-6 | 70 | https://echa.europa.eu/documents/10162/50e79685-efaf-ac9a-4acb-d8be3f0e9ddc |
| 1-methyl-2-pyrrolidone (NMP) | 212-828-1 | 872-50-4 | 71 | https://echa.europa.eu/documents/10162/e7598958-eae7-1661-0636-02778b427efc |
| The substances listed in column 1 of the Table in Appendix 12 | - | - | 72 | https://echa.europa.eu/documents/10162/8db10905-d535-0a04-0af5-7628a210dc28 |
| (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) silanetriol Any of its mono-, di- or tri-O-(alkyl) derivatives (TDFAs) | - | - | 73 | https://echa.europa.eu/documents/10162/57497ef0-ee60-a9e9-8bd1-9daba3b3c427 |

Table 12, Annex XVII of REACH regulation, last update Mar 22nd, 2021

History

| REV | Date | Done by | Subject |
|-----|------------|-----------|--|
| 0 | 2009-10-10 | F. Beck | SVHC list |
| 1 | 2010-05-14 | F. Beck | update |
| 2 | 2010-04-15 | F. Beck | Criteria added |
| 3 | 2010-06-01 | F. Beck | Dates adapted; list updated with ECHA candidate list |
| 4 | 2010-08-06 | F. Beck | Update HVHC list |
| 5 | 2010-11-15 | F. Beck | PFOS statement added |
| 6 | 2010-12-06 | F. Beck | List update |
| 7 | 2011-03-02 | F. Beck | List update |
| 8 | 2011-07-11 | Lin Wang | List update |
| 9 | 2012-01-18 | Max Wang | List update |
| 10 | 2012-07-13 | Max Wang | List update |
| 11 | 2013-01-20 | Max Wang | List update |
| 12 | 2013-05-25 | Max Wang | List update |
| 13 | 2013-12-16 | Max Wang | List update |
| 14 | 2014-04-16 | Max Wang | List update |
| 15 | 2014-12-17 | Max Wang | List update |
| 16 | 2015-06-15 | Max Wang | List update |
| 17 | 2016-01-04 | Lucas Cao | List update |
| 18 | 2016-03-22 | Lucas Cao | List update |
| 19 | 2016-06-22 | Lucas Cao | List update |
| 20 | 2017-02-14 | Lucas Cao | List update |
| 21 | 2017-07-31 | Lucas Cao | List update |
| 22 | 2017-11-21 | Lucas Cao | Delete the PFOA&PFOS as it had been covered by REACH annex XVII; And add the whole list of annex XVII into the statement, update the file name |
| 23 | 2018-01-26 | Lucas Cao | add new SVHC substance into table 12 |
| 24 | 2018-07-07 | Martin Li | List update |
| 25 | 2019-02-28 | Martin Li | List update |
| 26 | 2010-07-31 | Martin Li | List update |
| 27 | 2020-03-20 | Martin Li | List update |
| 28 | 2020-04-17 | Martin Li | Modify declaration, add REACH annex XIV content |
| 29 | 2020-07-28 | Martin Li | List update |
| 30 | 2021-03-22 | Martin Li | List update |