**Regulation EC (No.) 1907/2006**

**Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)**

**RE: Candidate list for Substances of Very High Concern (SVHC)**

Dear supplier,

The REACH-Regulation EC (No.) 1907/2006 regarding **R**egistration, **E**valuation, **A**uthorisation and Restriction of **CH**emicals has entered into force in June 2007. As REACH is a regulation it doesn’t need national implementation but is effective in law in direct way all over the countries within the European community.

According to article 59 of REACH substances are included in the so called Candidate List (see Attachment) since they have been identified as Substances of Very High Concern (SVHC). These substances may have very serious and often irreversible effects on humans and the environment. Substances on the Candidate List may subsequently become subject to Authorisation by decision of the European Commission.

According to the requirements of REACH article 31 (1), *suppliers of substances or preparations* shall provide the recipient of the substance or preparation with a safety data sheet where a substance as such or as part of the preparation is included in the Candidate list.

According to the requirements of REACH article 33, *suppliers of articles*, which contain one or more substances listed on the Candidate List in a concentration above 0.1% (w/w), must provide sufficient information including, as a minimum, the name of the relevant substance.

**Referring to the above mentioned, we hereby kindly ask you to provide us with sufficient information on whether the products supplied to us contain any of the mentioned Substances of Very High Concern published on the current Candidate list.**

**For the future we expect that you will inform us immediately, if changes related to your products in connection with the Candidate list occur.**

Please submit your responses to us as soon as possible, preferably by DATE to the following address

[name.surname@voestalpine.com](mailto:name.surname@voestalpine.com) or address

Thank you for your cooperation in supplying this information. Should you have any further questions do not hesitate to contact us or visit the REACH section on our website.[[1]](#footnote-1)

Sincerely,

*Company name and signature*

**Attachment:**Candidate List of Substances of Very High Concern**Attachment**

**Excerpt - Candidate List of Substances of Very High Concern**

Effective: October 28th 2008

**Substance name EC number**

1. Anthracene 204-371-1
2. 4,4'- Diaminodiphenylmethane 202-974-4
3. Dibutyl phthalate 201-557-4
4. Cobalt dichloride 231-589-4
5. Diarsenic pentaoxide 215-116-9
6. Diarsenic trioxide 215-481-4
7. Sodium dichromate 234-190-3
8. 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 201-329-4
9. Bis (2-ethyl(hexyl)phthalate) (DEHP) 204-211-0
10. Hexabromocyclododecane (HBCDD) and all major dia-  
    stereoisomers identified (α – HBCDD, β-HBCDD,γ-HBCDD) 247-148-4 and 221-695-9
11. Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 287-476-5
12. Bis(tributyltin)oxide 200-268-0
13. Lead hydrogen arsenate 232-064-2
14. Benzyl butyl phthalate 201-622-7
15. Triethyl arsenate 427-700-2

Effective: January 13th 2010

**Substance name EC number**

1. Anthracene oil 292-602-7
2. Anthracene oil, anthracene paste, distn. Lights 295-278-5
3. Anthracene oil, anthracene paste, anthracene fraction 295-275-9
4. Anthracene oil, anthracene-low 292-604-8
5. Anthracene oil, anthracene paste 292-603-2
6. Coal tar pitch, high temperature 266-028-2
7. Aluminosilicate, Refractory Ceramic Fibres (650-017-00-8)[[2]](#footnote-2)
8. Zirconia Aluminosilicate, Refractory Ceramic Fibres (650-017-00-8)†
9. 2,4-Dinitrotoluene 204-450-0
10. Diisobutyl phthalate 201-553-2
11. Lead chromate 231-846-0
12. Lead chromate molybdate sulfate red (C.I. Pigment Red 104) 235-759-9
13. Lead sulfochromate yellow (C.I. Pigment Yellow 34) 215-693-7
14. Tris(2-chloroethyl)phosphate 204-118-5

Effective: March 30th 2010

**Substance name EC number**

1. Acrylamide 201-173-7

Effective: June 18th 2010

**Substance name EC number**

1. Trichloroethylene 201-167-4
2. Potassium dichromate 231-906-6
3. Tetraboron disodium heptaoxide, hydrate 235-541-3
4. Ammonium dichromate 232-143-1
5. Boric acid 233-139-2, 234-343-4
6. Sodium chromate 231-889-5
7. Disodium tetraborate, anhydrous 215-540-4
8. Potassium chromate 232-140-5

Effective: December 15th 2010

**Substance name EC number**

1. Cobalt(II) diacetate 200-755-8
2. Cobalt(II) sulphate 233-334-2
3. 2-Ethoxyethanol 203-804-1
4. 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. 231-801-5, 236-881-5
5. 2-Methoxyethanol 203-713-7
6. Chromium trioxide 215-607-8
7. Cobalt(II) carbonate 208-169-4
8. Cobalt(II) dinitrate 233-402-1

Effective: June 20th 2011

**Substance name EC number**

1. 1,2-Benzenedicarboxylic acid, di-C6-8-branched   
   alkyl esters, C7-rich 276-158-1
2. 1,2-Benzenedicarboxylic acid, di-C7-11-branched   
   and linear alkyl esters 271-084-6
3. Strontium chromate 232-142-6
4. 1-Methyl-2-pyrrolidone 212-828-1
5. 1,2,3-Trichloropropane 202-486-1
6. 2-Ethoxyethyl acetate 203-839-2
7. Hydrazine 206-114-9
8. Cobalt dichloride 231-589-4

Effective: December 19th 2011

**Substance name EC number**

1. 4-(1,1,3,3-tetramethylbutyl)phenol 205-426-2
2. N,N-dimethylacetamide 204-826-4
3. Phenolphthalein 201-004-7
4. Lead diazide, Lead azide 236-542-1
5. Lead dipicrate 229-335-2
6. 1,2-dichloroethane 203-458-1
7. Calcium arsenate 231-904-5
8. Dichromium tris(chromate) 246-356-2
9. 2-Methoxyaniline; o-Anisidine 201-963-1
10. Pentazinc chromate octahydroxide 256-418-0
11. Arsenic acid 231-901-9
12. Potassium hydroxyoctaoxodizincatedichromate 234-329-8
13. Formaldehyde, oligomeric reaction products with aniline 500-036-1
14. Lead styphnate 239-290-0
15. Trilead diarsenate 222-979-5
16. 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 (µm). c) alkaline oxide and alkali   
    earth oxide (Na2O+K2O+CaO+MgO+BaO) content   
    less or equal to 18% by weight
17. Bis(2-methoxyethyl) phthalate 204-212-6
18. Aluminosilicate Refractory Ceramic Fibres  
    are fibres covered by index number 650-017-00-8 in   
    Annex VI, part 3, table 3.1 of Regulation (EC) No   
    1272/2008 of the European Parliament and of the   
    Council of 16 December 2008 on classification, labelling   
    and packaging of substances and mixtures, and fulfil   
    the three following conditions: a) oxides of aluminium   
    and silicon are the main components present   
    (in the fibres) within variable concentration ranges   
    b) fibres have a length weighted geometric mean   
    diameter less two standard geometric errors of 6 or   
    less micrometres (µm) c) alkaline oxide and alkali   
    earth oxide (Na2O+K2O+CaO+MgO+BaO) content   
    less or equal to 18% by weight
19. Bis(2-methoxyethyl) ether 203-924-4
20. 2,2'-dichloro-4,4'-methylenedianiline 202-918-9

Effective: June 18th 2012

**Substance name EC number**

1. α,α-Bis[4-(dimethylamino)phenyl]-4   
   (phenylamino)naphthalene-1-methanol   
   (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's   
   ketone (EC No. 202-027-5) or Michler's   
   base (EC No. 202-959-2)] 229-851-8
2. N,N,N',N'-tetramethyl-4,4'-methylenedianiline   
   (Michler’s base) 202-959-2
3. 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-  
   1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC) 423-400-0
4. Diboron trioxide 215-125-8
5. (TEGDME; triglyme) 203-977-3
6. 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)]* 209-218-2
7. Lead(II) bis(methanesulfonate) 401-750-5
8. Formamide 200-842-0
9. [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 (EC No. 202-027-5) or   
   Michler's base (EC No. 202-959-2)]* 208-953-6
10. 1,2-dimethoxyethane; ethylene glycol   
    dimethyl ether (EGDME) 203-794-9
11. [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)]* 219-943-6
12. 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) 219-514-3
13. 4,4'-bis(dimethylamino)benzophenone (Michler’s ketone) 202-027-5

Effective: June 18th 2012

**Substance name EC number**

1. Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) 214-604-9
2. Pentacosafluorotridecanoic acid 276-745-2
3. Tricosafluorododecanoic acid 206-203-2
4. Henicosafluoroundecanoic acid 218-165-4
5. Heptacosafluorotetradecanoic acid 206-803-4
6. Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) 204-650-8
7. 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*]. 201-604-9,

- 236-086-3, 238-009-9

1. 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*] 247-094-1, 243-072-0,

- 256-356-4, 260-566-1

1. 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*] -
2. 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
   [*covering well-defined substances and UVCB   
   substances, polymers and homologues*] -
3. Methoxyacetic acid 210-894-6
4. N,N-dimethylformamide 200-679-5
5. Dibutyltin dichloride (DBTC) 211-670-0
6. Lead monoxide (Lead oxide) 215-267-0
7. Orange lead (Lead tetroxide) 215-235-6
8. Lead bis(tetrafluoroborate) 237-486-0
9. Trilead bis(carbonate)dihydroxide 215-290-6
10. Lead titanium trioxide 235-038-9
11. Lead titanium zirconium oxide 235-727-4
12. Silicic acid, lead salt 234-363-3
13. Silicic acid (H2Si2O5), 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*] 272-271-5
14. 1-bromopropane (n-propyl bromide) 203-445-0
15. Methyloxirane (Propylene oxide) 200-879-2
16. 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 284-032-2
17. Diisopentylphthalate (DIPP) 210-088-4
18. N-pentyl-isopentylphthalate -
19. 1,2-diethoxyethane 211-076-1
20. Acetic acid, lead salt, basic 257-175-3
21. Lead oxide sulfate 234-853-7
22. [Phthalato(2-)]dioxotrilead 273-688-5
23. Dioxobis(stearato)trilead 235-702-8
24. Fatty acids, C16-18, lead salts 292-966-7
25. Lead cynamidate 244-073-9
26. Lead dinitrate 233-245-9
27. Pentalead tetraoxide sulphate 235-067-7
28. Pyrochlore, antimony lead yellow 232-382-1
29. Sulfurous acid, lead salt, dibasic 263-467-1
30. Tetraethyllead 201-075-4
31. Tetralead trioxide sulphate 235-380-9
32. Trilead dioxide phosphonate 235-252-2
33. Furan 203-727-3
34. Diethyl sulphate 200-589-6
35. Dimethyl sulphate 201-058-1
36. 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 421-150-7
37. Dinoseb (6-*sec*-butyl-2,4-dinitrophenol) 201-861-7
38. 4,4'-methylenedi-*o*-toluidine 212-658-8
39. 4,4'-oxydianiline and its salts 202-977-0
40. 4-aminoazobenzene 200-453-6
41. 4-methyl-*m*-phenylenediamine (toluene-2,4-diamine) 202-453-1
42. 6-methoxy-*m*-toluidine (p-cresidine) 204-419-1
43. Biphenyl-4-ylamine 202-177-1
44. *o*-aminoazotoluene [(4-*o*-tolylazo-*o*-toluidine]) 202-591-2
45. *o*-toluidine 202-429-0
46. *N*-methylacetamide 201-182-6

Effective: December 19th 2012

**Substance name EC number**

1. Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) 214-604-9
2. Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic 247-094-1, 243 072-0

anhydride [2], Hexahydro-1-methylphthalic anhydride [3], 256-356-4, 260-566-1

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]

1. 6-methoxy-m-toluidine (p-cresidine) 204-419-1
2. Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1, 201-604-9, 236-086-3,

2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic 238-009-9

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]

1. Pyrochlore, antimony lead yellow 232-382-1
2. Henicosafluoroundecanoic acid 218-165-4
3. 4-Aminoazobenzene 200-453-6
4. Silicic acid, lead salt 234-363-3
5. Lead titanium zirconium oxide 235-727-4
6. Lead monoxide (lead oxide) 215-267-0
7. o-Toluidine 202-429-0
8. 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 421-150-7
9. Dibutyltin dichloride (DBTC) 211-670-0
10. Lead bis(tetrafluoroborate) 237-486-0
11. Lead dinitrate 233-245-9
12. Silicic acid (H2Si2O5), barium salt (1:1), lead-doped 272-271-5

*[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]*

1. Trilead bis(carbonate)dihydroxide 215-290-6
2. 4,4'-methylenedi-o-toluidine 212-658-8
3. Diethyl sulphate 200-589-6
4. Dimethyl sulphate 201-058-1
5. N,N-dimethylformamide 200-679-5
6. 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated *[covering*

*well-defined substances and UVCB substances, polymers*

*and homologues]*

1. 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]*

1. Furan 203-727-3
2. Lead oxide sulfate 234-853-7
3. Lead titanium trioxide 235-038-9
4. Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) 214-604-9
5. Dinoseb (6-sec-butyl-2,4-dinitrophenol) 201-861-7
6. 1,2-Diethoxyethane 211-076-1
7. N-methylacetamide 201-182-6
8. Tetralead trioxide sulphate 235-380-9
9. Acetic acid, lead salt, basic 257-175-3
10. [Phthalato(2-)]dioxotrilead 273-688-5
11. Tetraethyllead 201-075-4
12. N-pentyl-isopentylphthalate
13. Pentalead tetraoxide sulphate 235-067-7
14. Heptacosafluorotetradecanoic acid 206-803-4
15. Tricosafluorododecanoic acid 206-203-2
16. 1-bromopropane (n-propyl bromide) 203-445-0
17. Dioxobis(stearato)trilead 235-702-8
18. Pentacosafluorotridecanoic acid 276-745-2
19. Methoxyacetic acid 210-894-6
20. Methyloxirane (Propylene oxide) 200-879-2
21. Trilead dioxide phosphonate 235-252-2
22. o-aminoazotoluene 202-591-2
23. 4-methyl-m-phenylenediamine (toluene-2,4-diamine) 202-453-1
24. Diisopentylphthalate 210-088-4
25. 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 284-032-2
26. Biphenyl-4-ylamine 202-177-1
27. Fatty acids, C16-18, lead salts 292-966-7
28. Orange lead (lead tetroxide) 215-235-6
29. 4,4'-oxydianiline and its salts 202-977-0
30. Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) 204-650-8
31. Sulfurous acid, lead salt, dibasic 263-467-1
32. Lead cyanamidate 244-073-9

Effective: June 20th 2013

**Substance name EC number**

1. Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) 214-604-9
2. Cadmium 231-152-8
3. Ammonium pentadecafluorooctanoate (APFO) 223-320-4
4. Pentadecafluorooctanoic acid (PFOA) 206-397-9
5. Dipentyl phthalate (DPP) 205-017-9
6. 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]*

1. Cadmium oxide 215-146-2

Effective: December 16th 2013

**Substance name EC number**

1. Cadmium sulphide 215-147-8
2. Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] 217-710-3  
   [1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)  
   naphthalene-2,7-disulphonate (C.I. Direct Black 38)
3. Dihexyl phthalate 201-559-5
4. Imidazolidine-2-thione; (2-imidazoline-2-thiol) 202-506-9
5. Trixylyl phosphate 246-677-8
6. Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis 209-358-4  
   (4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)
7. Lead di(acetate) 206-104-4

Effective: June 16th 2014

**Substance name EC number**

1. 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 271-093-5
2. Sodium perborate; perboric acid, sodium salt 239-172-9; 234-390-0
3. Sodium peroxometaborate 231-556-4
4. Cadmium chloride 233-296-7

Effective: Dec. 17th 2014

**Substance name EC number**

1. Bis (2-ethylhexyl)phthalate (DEHP) 204-211-0
2. Cadmium fluoride 232-222-0
3. 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) - ---
4. 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-  
   oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 239-622-4
5. 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 223-346-6
6. Cadmium sulphate 233-331-6
7. 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 247-384-8

Effective: June 15th 2015

**Substance name EC number**

1. 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 271-094-0   
   1,2-benzenedicarboxylic acid, mixed decyl and hexyl 272-013-1  
   and octyl diesters with ≥ 0.3% of dihexyl phthalate   
   (EC No. 201-559-5)
2. 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]

Effective: December 17th 2015

**Substance name EC number**

1. 1,3-propanesultone 214-317-9
2. 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 223-383-8
3. 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 253-037-1
4. Nitrobenzene 202-716-0
5. Perfluorononan-1-oic-acid and its sodium and ammonium salts 206-801-3

Effective: June 20th 2016

**Substance name EC number**

1. Benzo[def]chrysene (Benzo[a]pyrene),   
   Benzo[def]chrysene(Benzo[a]pyrene) 200-028-5

Effective: January 12th 2017

**Substance name EC number**

1. 4,4’-isopropylidenediphenol (bisphenol A; BPA) 201-245-8
2. Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts  
    206-400-3; 221-470-5
3. p-(1,1-dimethylpropyl)phenol 201-280-9
4. 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] ---

Effective: July 7th 2017

**Substance name EC number**

1. Perfluorohexane-1-sulphonic acid and its salts ---  
   PFHxS

Effective: January 15th 2018

**Substance name EC number**

1. [Benz[a]anthracene](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.000.255) 200-280-6
2. Cadmium carbonate 208-168-9
3. Cadmium hydroxide 244-168-5
4. Cadmium nitrate 233-710-6
5. Chrysene 205-923-4
6. Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene   
   (“Dechlorane Plus”™) covering any of its individual anti- and syn-isomers or   
   any combination thereof ---
7. Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and   
   4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol,   
   branched and linear (4-HPbl) ---

Effective: June 26th 2018

**Substance name EC number**

1. [Benzene-1,2,4-tricarboxylic acid 1,2 anhydride](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.008.190) (trimellitic anhydride; TMA) 209-008-0
2. [Benzo[ghi]perylene](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.005.350) 205-883-8
3. [Decamethylcyclopentasiloxane](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.007.969) (D5) 208-764-9
4. [Dicyclohexyl phthalate](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.001.405) (DCHP) 201-545-9
5. [Disodium octaborate](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.031.388) 235-541-0
6. [Dodecamethylcyclohexasiloxane](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.007.967) (D6) 208-762-8
7. [Ethylenediamine](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.003.154) (EDA) 203-468-6
8. [Lead](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.028.273) 231-100-4
9. [Octamethylcyclotetrasiloxane](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.008.307) (D4) 209-136-7
10. [Terphenyl, hydrogenated](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.057.225) 262-967-7

Effective: January 15th 2019

**Substance name EC number**

1. Pyrene 204-927-3
2. [Phenanthrene](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.001.437) 201-581-5
3. [Fluoranthene](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.005.376) 205-912-4
4. [Benzo[k]fluoranthene](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.005.379) 205-916-6
5. [2,2-bis(4'-hydroxyphenyl)-4-methylpentane](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.100.362) 401-720-1
6. [1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.035.567) 239-139-9

Effective: July 16th 2019

**Substance name EC number**

1. [2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.273.068) -
2. [2-methoxyethyl acetate](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.003.431) 203-772-9
3. [4-tert-butylphenol](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.005.376) 202-679-0
4. [Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of   
   4-nonylphenol, branched and linear (4-NP)](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.264.200) -

Effective: January 16th 2020

**Substance name EC number**

1. Diisohexyl phthalate 276-090-2
2. 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone 404-360-3
3. 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 400-600-6
4. Perfluorobutane sulfonic acid (PFBS) and its salts -

Effective: June 25th 2020

**Substance name EC number**

1. [Dibutylbis(pentane-2,4-dionato-O,O')tin](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.041.032) 245-152-0
2. [Butyl 4-hydroxybenzoate](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.002.108) 202-318-7
3. [2-methylimidazole](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.010.697) 211-765-7
4. [1-vinylimidazole](https://echa.europa.eu/de/substance-information/-/substanceinfo/100.012.739) 214-012-0

The current candidate list is published on the following ECHA webpage

<https://echa.europa.eu/candidate-list-table>

1. <http://www.voestalpine.com/group/en/group/reach/> [↑](#footnote-ref-1)
2. Index number in Annex VI 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 [↑](#footnote-ref-2)