

REACH 223

Substance_Name	CAS_Number
α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0
(\pm)-1,7,7-trimethyl-3-[[4-methylphenyl]methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9
[Phthalato(2-)]dioxotrilead	69011-06-9
1,2,3-Trichloropropane (1,2,3-TCP)	96-18-4
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5, 68648-93-1
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
1,2-dichloroethane	107-06-2
1,2-Diethoxyethane	629-14-1
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
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
1,3-propanesultone	1120-71-4
1,4-dioxane	123-91-1
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one; 3-benzylidene camphor; 3-BC	15087-24-8
1-bromopropane (n-propyl bromide)	106-94-5
1-Methyl-2-pyrrolidone (NMP)	872-50-4
1-vinylimidazole	1072-63-5
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-
2,2-bis(4'-hydroxyphenyl)-4-methylpentane; BisP-MIBK	6807-17-6
2,2-bis(bromomethyl)propane-1,3-diol (BMP)	1522-92-5, 3296-90-0, 36483-57-5, 96-13-9
2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	
2,3-dibromo-1-propanol (2,3-DBPA)	
2,2'-dichloro-4,4'-methylenedianiline	101-14-4
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof); HFPO-DA	-
2,4-Dinitrotoluene	121-14-2
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
2-Ethoxyethanol	110-80-5
2-Ethoxyethyl acetate (2-EEA)	111-15-9
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
2-Methoxyaniline; o-Anisidine	90-04-0
2-Methoxyethanol (ethylene glycol monomethyl ether; EGME)	109-86-4
2-methoxyethyl acetate	110-49-6
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
2-methylimidazole	693-98-1
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2

4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] (4-tert-Octylphenol ethoxylates) (4-tertOPnEO)	-
4,4'-(1-methylpropylidene)bisphenol; (bisphenol B; BPB)	77-40-7
4,4'- Diaminodiphenylmethane (MDA)	101-77-9
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
4,4'-methylenedi-o-toluidine	838-88-0
4,4'-oxydianiline and its salts	101-80-4
4-Aminoazobenzene	60-09-03
4-heptylphenol, branched and linear (4-HPbl)	6465-71-0, 6465-74-3, 6863-24-7, 1987-50-4, 72624-02-3, 1824346-00-0
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
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]	-
4-Nonylphenol, branched and linear, ethoxylated	-
4-tert-butylphenol	98-54-4
4-tert-pentylphenol (PTAP), p-(1,1-dimethylpropyl)phenol	80-46-6
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 isomers of [1] and [2] or any combination thereof]	117933-89-8, 343934-04-3, 343934-05-4, 676367-02-5, 676367-03-6, 676367-04-7, 676367-05-8, 676367-06-9, 676367-07-0, 676367-08-1, 676367-09-2, 186309-28-4, etc
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
6-methoxy-m-toluidine (p-cresidine)	120-71-8
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1
Acetic acid, lead salt, basic	51404-69-4
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.	13530-68-2, 7738-94-5
Acrylamide	79-06-1
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins, SCCPs)	85535-84-8
Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-
Ammonium dichromate	7789-09-5
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
Anthracene	120-12-7
Anthracene oil	90640-80-5
Anthracene oil, anthracene paste	90640-81-6
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
Anthracene oil, anthracene paste, distn. lights	91995-17-4
Anthracene oil, anthracene-low	90640-82-7
Arsenic acid	7778-39-4
Benz[a]anthracene (BaA)	56-55-3, 1718-53-2
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride; trimellitic anhydride; TMA	552-30-7
Benzo[def]chrysene	50-32-8
Benzo[ghi]perylene	191-24-2
Benzo[k]fluoranthene	207-08-9
Benzyl butyl phthalate (BBP)	85-68-7
Biphenyl-4-ylamine	92-67-1
Bis(2-(2-methoxyethoxy)ethyl) ether - TetraEGDME	143-24-8
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7
Bis(2-methoxyethyl) ether (Diglyme, DEGDMME)	111-96-6
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5
Bis(tributyltin)oxide (TBTO)	56-35-9
Bisphenol A, 4,4'-(propane-2,2-diyl)diphenol	80-05-7

Boric acid	10043-35-3, 11113-50-1
Butyl 4-hydroxybenzoate	94-26-8
Cadmium	7440-43-9
Cadmium carbonate	513-78-0
Cadmium chloride	10108-64-2
Cadmium fluoride	7790-79-6
Cadmium hydroxide	21041-95-2
Cadmium nitrate	10022-68-1, 10325-94-7
Cadmium oxide	1306-19-0
Cadmium sulphate	10124-36-4; 31119-53-6
Cadmium sulphide	1306-23-6
Calcium arsenate	7778-44-1
Chromium trioxide	1333-82-0
Chrysene (Benzo(a)phenanthrene)	218-01-9, 1719-03-5
Cobalt dichloride	7646-79-9
Cobalt(II) carbonate	513-79-1
Cobalt(II) diacetate	71-48-7
Cobalt(II) dinitrate	10141-05-6
Cobalt(II) sulphate	10124-43-3
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[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]</i>	85-42-7, 13149-00-3, 14166-21-3
Decamethylcyclopentasiloxane; D5	541-02-6
Diarsenic pentaoxide	1303-28-2
Diarsenic trioxide	1327-53-3
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
Diboron trioxide	1303-86-2
Dibutyl phthalate (DBP)	84-74-2
Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
Dibutyltin dichloride (DBTC)	683-18-1
Dichromium tris(chromate)	24613-89-6
Dicyclohexyl phthalate; DCHP	84-61-7
Diethyl sulphate	64-67-5
Dihexyl phthalate (DnHP)	84-75-3
Diisobutyl phthalate (DIBP)	84-69-5
Diisohexyl phthalate (DIHP)	71850-09-4
Diisopentylphthalate (DIPP)	605-50-5
Dimethyl sulphate (DMS)	77-78-1
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	3648-18-8 and others
Dioxobis(stearato)trilead	12578-12-0
Dipentyl phthalate (DPP)	131-18-0
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
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
Disodium octaborate	12008-41-2
Disodium tetraborate, anhydrous (Borax)	1303-96-4, 1330-43-4, 12179-04-3
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	-
Dodecamethylcyclohexasiloxane, D6	540-97-6
Ethylenediamine; EDA	107-15-3
Fatty acids, C16-18, lead salts	91031-62-8
Fluoranthene	206-44-0, 93951-69-0
Formaldehyde, oligomeric reaction products with aniline (Polymeric MDA, PMDA)	25214-70-4
Formamide	75-12-7
Furan	110-00-9
Glutaral (Glutaraldehyde; GA)	111-30-8
Henicosfluoroundecanoic acid	2058-94-8
Heptacosfluorotetradecanoic acid	376-06-7

Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>	19438-60-9, 25550-51-0, 48122-14-1, 57110-29-9
Hydrazine	302-01-2, 7803-57-8
Imidazolidine-2-thione	96-45-7
Lead	7439-92-1
Lead bis(tetrafluoroborate)	13814-96-5
Lead chromate	7758-97-6
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
Lead cyanamidate	20837-86-9
Lead di(acetate)	301-04-2
Lead diazide, Lead azide	13424-46-9
Lead dinitrate	10099-74-8
Lead dipicrate	6477-64-1
Lead hydrogen arsenate	7784-40-9
Lead monoxide (lead oxide)	1317-36-8
Lead oxide sulfate	12036-76-9
Lead styphnate - Lead 2,4,6-trinitro-m-phenylene dioxide	15245-44-0
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
Lead titanium trioxide	12060-00-3
Lead titanium zirconium oxide	12626-81-2
Lead(II) bis(methanesulfonate)	17570-76-2
Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-
Methoxyacetic acid	625-45-6
Methyloxirane (Propylene oxide)	75-56-9
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
N,N-dimethylacetamide (DMAC)	127-19-5
N,N-dimethylformamide	68-12-02
Nitrobenzene	98-95-3
N-methylacetamide	79-16-3
N-pentyl-isopentylphthalate	776297-69-9
o-aminoazotoluene	97-56-3
Octamethylcyclotetrasiloxane, D4	556-67-2
Orange lead (lead tetroxide)	1314-41-6
Orthoboric acid, sodium salt	13840-56-7
o-Toluidine	95-53-4
Pentacosafuorotridecanoic acid	72629-94-8
Pentadecafluorooctanoic acid (PFOA)	335-67-1
Pentalead tetraoxide sulphate	12065-90-6
Pentazinc chromate octahydroxide	49663-84-5
Perfluorinated chemical PFDA (nonadecafluorodecanoic acid) and its sodium and ammonium salts	335-76-2, 3108-42-7, 3830-45-3
Perfluorobutane sulfonic acid (PFBS) and its salts	-
Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	355-46-4
Perfluorononan-1-oic acid (PNFA) and its sodium and ammonium salts (group entry)	375-95-1, 21049-39-8, 4149-60-4
Phenanthrene	85-01-08
Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-
Phenolphthalein	77-09-8
Pitch, coal tar, high temp.	65996-93-2
Potassium chromate	7789-00-6
Potassium dichromate	7778-50-9
Potassium hydroxyoctaoxidizincatedichromate	11103-86-9
Pyrene	129-00-0, 1718-52-1
Pyrochlore, antimony lead yellow	8012-00-8
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-	-
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-
S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8

Silicic acid (H ₂ SiO 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
Silicic acid, lead salt	11120-22-2
Sodium chromate	7775-11-3
Sodium dichromate	7789-12-0, 10588-01-9
Sodium perborate; perboric acid, sodium salt	-
Sodium peroxometaborate	7632-04-4
Strontium chromate	7789-06-2
Sulfurous acid, lead salt, dibasic	62229-08-7
Terphenyl, hydrogenated	61788-32-7
Tetraboron disodium heptaoxide, hydrate	12267-73-1
Tetraethyllead (TEL)	78-00-2
Tetralead trioxide sulphate	12202-17-4
Trichloroethylene	79-01-6
Tricosafuorododecanoic acid	307-55-1
Triethyl arsenate	15606-95-8
Trilead bis(carbonate)dihydroxide	1319-46-6
Trilead diarsenate	3687-31-8
Trilead dioxide phosphonate	12141-20-7
Tris(2-chloroethyl)phosphate (TCEP)	115-96-8
Tris(2-methoxyethoxy)vinylsilane	1067-53-4
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-
Trixylyl phosphate (TXP)	25155-23-1
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 (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	