

REACH Certificate of Compliance

OptiFuse declares that all standard products not called out on page 2 conform to the requirements of REACH's 235 SVHC (Substances of Very High Concern) per the June 14th, 2023 update and the European Community Regulation (EC 1907/2006) which is known as REACH (Registration, Evaluation, Authorization and Restriction of Chemicals).

OptiFuse is committed to providing safe products consistent with the improvement and protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. The below listed chemical substances are not present in our products for quantities totaling over one ton per producer a year and are not present above a concentration of 0.1% by weight.

OptiFuse defines "REACH Compliant", to mean that banned substances are not intentionally added during the manufacturing process and have upper concentrations within REACH acceptable limits.

Samuel Kenny

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Product Manager
Optifuse*

Exempt Products

The following glass and ceramic tube fuses are exempt from the RoHS standards as lead has been determined to be essential to their construction and effectiveness. The exemption can be found under Annex III section 7c1.

Part Number	Affected Amperages	Substance Name	CAS Number	Concentration
FCA	>20A	Lead	7439-92-1	>20%
FCD	≥10A	Lead	7439-92-1	>20%
FSA	>12A	Lead	7439-92-1	~19.595%
FSC	>12A	Lead	7439-92-1	~19.595%
FSC-P	≥10A	Lead	7439-92-1	~19.595%
FSD	>12A	Lead	7439-92-1	~19.595%
FSE	>8A	Lead	7439-92-1	~19.595%
FSE-P	>8A	Lead	7439-92-1	~19.595%
FSF-P	>8A	Lead	7439-92-1	~19.595%
FXG	<500mA	Lead	7439-92-1	~19.595%
MSC	>15A	Lead	7439-92-1	~19.595%
SCA	≥8A	Lead	7439-92-1	>20%
TCA	>15A	Lead	7439-92-1	>20%
TCD	≥10A	Lead	7439-92-1	>20%
TCF-P	>10A	Lead	7439-92-1	>20%
TSA	>15A	Lead	7439-92-1	~19.595%
TSC	>15A	Lead	7439-92-1	~19.595%
TSC-P	>12A	Lead	7439-92-1	~19.595%
TSD	≥10A	Lead	7439-92-1	~19.595%
TSE	>12A	Lead	7439-92-1	~19.595%
TSE-P	>12A	Lead	7439-92-1	~19.595%

Reach 235 SVHC Substance List

Substance name	CAS No.	% Threshold
1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1	0.1000000
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (Tetrabromobisphenol A) (TBBPA)	79-94-7	0.1000000
4,4'-sulphonyldiphenol (BPS)	80-09-01	0.1000000
Barium diboron tetraoxide	13701-59-2	0.1000000
Bis(2-ethylhexyl) tetrabromophthalate (TBPH) covering any of the individual isomers and/or combinations thereof	-	0.1000000
Isobutyl 4-hydroxybenzoate (IBP)	4247-02-03	0.1000000
Melamine	108-78-1	0.1000000
Perfluoroheptanoic acid (PFHpA) and its salts	-	0.1000000
Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	0.1000000
Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.1000000
Diisohexyl phthalate	71850-09-4	0.1000000
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.1000000
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.1000000
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.1000000
Tris(nonylphenyl) phosphite	26523-78-4	0.1000000
tris(4-nonylphenyl, branched) phosphite	-	0.1000000
Phenol, 4-nonyl-, phosphite (3:1)	3050-88-2	0.1000000
4-tert-butylphenol	98-54-4	0.1000000
2-methoxyethyl acetate	110-49-6	0.1000000
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	0.1000000
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	13252-13-6	0.1000000

Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	62037-80-3	0.1000000
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	2062-98-8	0.1000000
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	67118-55-2	0.1000000
Pyrene	129-00-0	0.1000000
Phenanthrene	85-01-8	0.1000000
Fluoranthene	206-44-0	0.1000000
Benzo[k]fluoranthene	207-08-9	0.1000000
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.1000000
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	0.1000000
Terphenyl, hydrogenated	61788-32-7	0.1000000
Octamethylcyclotetrasiloxane	556-67-2	0.1000000
Lead	7439-92-1	0.1000000
Ethylenediamine	107-15-3	0.1000000
Dodecamethylcyclohexasiloxane	540-97-6	0.1000000
Disodium octaborate	12008-41-2	0.1000000
Dicyclohexyl phthalate	84-61-7	0.1000000
Decamethylcyclopentasiloxane	541-02-6	0.1000000
Benzo[ghi]perylene	191-24-2	0.1000000
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	0.1000000
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	0.1000000
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs	-	0.1000000
Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	93925-00-9	0.1000000
Chrysene	218-01-9	0.1000000
Cadmium nitrate	10325-94-7	0.1000000
Cadmium hydroxide	21041-95-2	0.1000000
Cadmium carbonate	513-78-0	0.1000000
Benz[a]anthracene	56-55-3	0.1000000
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-	0.1000000

1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	13560-89-9	0.1000000
rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	0.1000000
rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	0.1000000
Perfluorohexane-1-sulphonic acid and its salts	-	0.1000000
Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0	0.1000000
Potassium perfluorohexane-1-sulphonate	3871-99-6	0.1000000
Ammonium perfluorohexane-1-sulphonate	68259-08-5	0.1000000
Perfluorohexane-1-sulphonic acid	355-46-4	0.1000000
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-24-0	0.1000000
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3	0.1000000
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4	0.1000000
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-45-0	0.1000000
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-69-8	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	144116-10-9	0.1000000

PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	1462414-59-0	0.1000000
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7	0.1000000
Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)	202189-84-2	0.1000000
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)	341035-71-0	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	341548-85-4	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	421555-73-9	0.1000000
Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	421555-74-0	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	425670-70-8	0.1000000
1-HEXANESULFONIC ACID, 1,1,2,2,3,3,4,4,5,5,6,6,6-TRIDECAFLUORO-, LITHIUM SALT	55120-77-9	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1	0.1000000

1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5	0.1000000
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6 tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)	866621-50-3	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	910606-39-2	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	911027-68-4	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	911027-69-5	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1	0.1000000
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7	0.1000000
Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	108427-55-0	0.1000000
1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	108427-54-9	0.1000000
PERFLUOROHEXANE-1-SULPHONIC ACID AND ITS SALTS	1000597-52-3	0.1000000
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9	0.1000000
p-(1,1-dimethylpropyl)phenol	80-46-6	0.1000000
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	0.1000000
Nonadecafluorodecanoic acid	335-76-2	0.1000000
Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3	0.1000000
Ammonium nonadecafluorodecanoate	3108-42-7	0.1000000
4-heptylphenol, branched and linear	-	0.1000000
Phenol, heptyl derivs.	72624-02-3	0.1000000
4-heptylphenol	1987-50-4	0.1000000
4,4'-isopropylidenediphenol	80-05-7	0.1000000
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.1000000
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	0.1000000
Perfluorononan-1-oic-acid	375-95-1	0.1000000

Sodium salts of perfluorononan-1-oic-acid	-, 21049-39-8	0.1000000
Ammonium salts of perfluorononan-1-oic-acid	-, 4149-60-4	0.1000000
Nitrobenzene	98-95-3	0.1000000
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.1000000
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.1000000
1,3-propanesultone	1120-71-4	0.1000000
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]	-	0.1000000
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexene-1-yl)-5-methyl-5-(1-methylpropyl)-	117933-89-8	0.1000000
2-(2,4-Dimethylcyclohex-3-ene-1-yl)-5-methyl-(1-methylpropyl)-1,3-dioxane	117933-89-8	0.1000000
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]	-	0.1000000
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	0.1000000
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	0.1000000
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	0.1000000
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1	0.1000000
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	0.1000000
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)	-	0.1000000

Cadmium sulphate	10124-36-4, 31119-53-6	0.1000000
Cadmium fluoride	7790-79-6	0.1000000
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.1000000
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.1000000
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.1000000
Sodium peroxometaborate	7632-04-4	0.1000000
Sodium perborate, perboric acid, sodium salt	-	0.1000000
Sodium perborate	15120-21-5	0.1000000
Perboric acid, sodium salt	11138-47-9	0.1000000
Cadmium chloride	10108-64-2	0.1000000
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.1000000
Trixylyl phosphate	25155-23-1	0.1000000
Lead di(acetate)	301-04-2	0.1000000
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	0.1000000
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	0.1000000
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.1000000
Dihexyl phthalate	84-75-3	0.1000000
Cadmium sulphide	1306-23-6	0.1000000
Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.1000000
Dipentyl phthalate (DPP)	131-18-0	0.1000000
Cadmium oxide	1306-19-0	0.1000000
Cadmium	7440-43-9	0.1000000
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.1000000
4-Nonylphenol, branched and linear, ethoxylated	-	0.1000000
26-(4-nonylphenoxy)-3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol	14409-72-4	0.1000000
2-[2-(4-nonylphenoxy)ethoxy]ethanol	20427-84-3	0.1000000
Nonylphenol, branched, ethoxylated	68412-54-4	0.1000000
4-Nonylphenol, ethoxylated	26027-38-3	0.1000000

Nonylphenol, ethoxylated	9016-45-9	0.1000000
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]	-	0.1000000
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]	-	0.1000000
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]	-	0.1000000
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]	-	0.1000000
2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	7311-27-5	0.1000000
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27942-27-4	0.1000000
Nonylphenol, branched, ethoxylated (CAS# 68412-54-4)	-	0.1000000

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]		0.1000000
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]		0.1000000
2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol	1119449-38-5	0.1000000
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	1119449-37-4	0.1000000
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]		0.1000000
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]		0.1000000
Isononylphenol, ethoxylated	37205-87-1	0.1000000
4-Nonylphenol, branched, ethoxylated	127087-87-0	0.1000000
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	26571-11-9	0.1000000

Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy- (CAS 9016-45-9)	9016-45-9	0.1000000
Trilead dioxide phosphonate	12141-20-7	0.1000000
Trilead bis(carbonate) dihydroxide	1319-46-6	0.1000000
Tricosafuorododecanoic acid	307-55-1	0.1000000
Tetralead trioxide sulphate	12202-17-4	0.1000000
Tetraethyllead	78-00-2	0.1000000
Sulfurous acid, lead salt, dibasic	62229-08-7	0.1000000
Silicic acid, lead salt	11120-22-2	0.1000000
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8	0.1000000
Pyrochlore, antimony lead yellow	8012-00-8	0.1000000
Pentalead tetraoxide sulphate	12065-90-6	0.1000000
Pentacosafuorotridecanoic acid	72629-94-8	0.1000000
Orange lead (lead tetroxide)	1314-41-6	0.1000000
o-toluidine	95-53-4	0.1000000
o-aminoazotoluene	97-56-3	0.1000000
n-pentyl-isopentylphthalate	-	0.1000000
N-methylacetamide	79-16-3	0.1000000
N,N-dimethylformamide	68-12-2	0.1000000
Methyloxirane (Propylene oxide)	75-56-9	0.1000000
Methoxyacetic acid	625-45-6	0.1000000
Lead titanium zirconium oxide	12626-81-2	0.1000000
Lead titanium trioxide	12060-00-3	0.1000000
Lead oxide sulfate	12036-76-9	0.1000000
Lead monoxide (lead oxide)	1317-36-8	0.1000000
Lead dinitrate	10099-74-8	0.1000000
Lead cyanamidate	20837-86-9	0.1000000
Lead bis(tetrafluoroborate)	13814-96-5	0.1000000
Hexahydromethylphthalic anhydride	-	0.1000000
Hexahydro-4-methylphthalic anhydride	19438-60-9	0.1000000
Hexahydro-3-methylphthalic anhydride	57110-29-9	0.1000000
Hexahydro-1-methylphthalic anhydride	48122-14-1	0.1000000
Hexahydromethylphthalic anhydride	25550-51-0	0.1000000
Heptacosafuorotetradecanoic acid	376-06-7	0.1000000
Henicosafuoroundecanoic acid	2058-94-8	0.1000000
Furan	110-00-9	0.1000000
Fatty acids, C16-18, lead salts	91031-62-8	0.1000000
Dioxobis(stearato)trilead	12578-12-0	0.1000000

Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	0.1000000
Dimethyl sulphate	77-78-1	0.1000000
Diisopentyl phthalate	605-50-5	0.1000000
Diethyl sulphate	64-67-5	0.1000000
Dibutyltin dichloride (DBTC)	683-18-1	0.1000000
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	0.1000000
Cyclohexane-1,2-dicarboxylic anhydride	-	0.1000000
cis-cyclohexane-1,2-dicarboxylic anhydride	13149-00-3	0.1000000
Cyclohexane-1,2-dicarboxylic anhydride	85-42-7	0.1000000
trans-cyclohexane-1,2-dicarboxylic anhydride	14166-21-3	0.1000000
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	0.1000000
Biphenyl-4-ylamine	92-67-1	0.1000000
Acetic acid, lead salt, basic	51404-69-4	0.1000000
[Phthalato(2-)]dioxotrilead	69011-06-9	0.1000000
6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.1000000
4-Nonylphenol, branched and linear	-	0.1000000
p-nonylphenol	104-40-5	0.1000000
4-(1-ethyl-1-methylhexyl)phenol	52427-13-1	0.1000000
p-(1,1-dimethylheptyl)phenol	30784-30-6	0.1000000
p-isononylphenol	26543-97-5	0.1000000
4-(1-Ethyl-1,4-Dimethylpentyl)Phenol	142731-63-3	0.1000000
4-(1-Ethyl-1,3-Dimethylpentyl)Phenol	186825-36-5	0.1000000
p-(1-methyloctyl)phenol	17404-66-9	0.1000000
Phenol, 4-nonyl-, branched	84852-15-3	0.1000000
Phenol, 4-(1,1,3-trimethylhexyl)-	174305-83-0	0.1000000
Phenol, 4-(1,3-dimethyl-1-propylbutyl)-	142731-65-5	0.1000000
Phenol, 4-(1,2,5-trimethylhexyl)-	142731-55-3	0.1000000
4-(3-ethylheptan-2-yl)phenol	186825-39-8	0.1000000
4-(1,1,5-Trimethylhexyl)phenol	521947-27-3	0.1000000
Nonylphenol	25154-52-3	0.1000000
Phenol, 4-tert-nonyl-	58865-77-3	0.1000000
Phenol, nonyl-, branched	90481-04-2	0.1000000
Isononylphenol	11066-49-2	0.1000000
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	0.1000000
4-aminoazobenzene	60-09-3	0.1000000

4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.1000000
20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	2497-59-8	0.1000000
2-[[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethan-1-ol	2315-67-5	0.1000000
2-{2-[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethoxy}ethanol	2315-61-9	0.1000000
2-[[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethanol	9002-93-1	0.1000000
4,4'-oxydianiline and its salts	-	0.1000000
4,4'-oxydianiline	101-80-4	0.1000000
4,4'-methylenedi-o-toluidine	838-88-0	0.1000000
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.1000000
1-bromopropane (n-propyl bromide)	106-94-5	0.1000000
1,2-diethoxyethane	629-14-1	0.1000000
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	0.1000000
α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	0.1000000
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.1000000
Lead(II) bis(methanesulfonate)	17570-76-2	0.1000000
Formamide	75-12-7	0.1000000
Diboron trioxide	1303-86-2	0.1000000
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	0.1000000
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	0.1000000
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	0.1000000
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	0.1000000

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	0.1000000
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	0.1000000
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.1000000
1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.1000000
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	0.1000000
Trilead diarsenate	3687-31-8	0.1000000
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	0.1000000
Phenolphthalein	77-09-8	0.1000000
Pentazinc chromate octahydroxide	49663-84-5	0.1000000
N,N-dimethylacetamide	127-19-5	0.1000000
Lead styphnate	15245-44-0	0.1000000
Lead dipicrate	6477-64-1	0.1000000
Lead diazide, Lead azide	13424-46-9	0.1000000
Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.1000000
Dichromium tris(chromate)	24613-89-6	0.1000000
Calcium arsenate	7778-44-1	0.1000000
Bis(2-methoxyethyl) phthalate	117-82-8	0.1000000
Bis(2-methoxyethyl) ether	111-96-6	0.1000000
Arsenic acid	7778-39-4	0.1000000
Aluminosilicate Refractory Ceramic Fibres	-	0.1000000
4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.1000000
2-Methoxyaniline, o-Anisidine	90-04-0	0.1000000
2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.1000000
1,2-dichloroethane	107-06-2	0.1000000
Strontium chromate	7789-06-2	0.1000000
Hydrazine	302-01-2, 7803-57-8	0.1000000
2-ethoxyethyl acetate	111-15-9	0.1000000
1-Methyl-2-pyrrolidone (NMP)	872-50-4	0.1000000
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.1000000
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.1000000

1,2,3-trichloropropane	96-18-4	0.1000000
Cobalt(II) sulphate	10124-43-3	0.1000000
Cobalt(II) dinitrate	10141-05-6	0.1000000
Cobalt(II) diacetate	71-48-7	0.1000000
Cobalt(II) carbonate	513-79-1	0.1000000
Chromium trioxide	1333-82-0	0.1000000
Acids generated from chromium trioxide and their oligomers	-	0.1000000
Dichromic acid	13530-68-2	0.1000000
Oligomers of chromic acid and dichromic acid	-	0.1000000
Chromic acid	7738-94-5	0.1000000
2-methoxyethanol	109-86-4	0.1000000
2-ethoxyethanol	110-80-5	0.1000000
Trichloroethylene	79-01-6	0.1000000
Tetraboron disodium heptaoxide, hydrate	12267-73-1	0.1000000
Sodium chromate	7775-11-3	0.1000000
Potassium dichromate	7778-50-9	0.1000000
Potassium chromate	7789-00-6	0.1000000
Disodium tetraborate, anhydrous	12179-04-3, 1303-96-4, 1330-43-4	0.1000000
Boric acid	-	0.1000000
Boric acid, crude natural	11113-50-1	0.1000000
Boric acid	10043-35-3	0.1000000
Ammonium dichromate	7789-09-5	0.1000000
Acrylamide	79-06-1	0.1000000
Tris(2-chloroethyl) phosphate	115-96-8	0.1000000
Pitch, coal tar, high-temp.	65996-93-2	0.1000000
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	0.1000000
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	0.1000000
Lead chromate	7758-97-6	0.1000000
Diisobutyl phthalate	84-69-5	0.1000000
Anthracene oil, anthracene-low	90640-82-7	0.1000000
Anthracene oil, anthracene paste, distn. lights	91995-17-4	0.1000000
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.1000000
Anthracene oil, anthracene paste	90640-81-6	0.1000000
Anthracene oil	90640-80-5	0.1000000

2,4-dinitrotoluene	121-14-2	0.1000000
Triethyl arsenate	15606-95-8	0.1000000
Sodium dichromate	10588-01-9, 7789-12-0	0.1000000
Lead hydrogen arsenate	7784-40-9	0.1000000
Hexabromocyclododecane (HBCDD)	-	0.1000000
Hexabromocyclododecane	25637-99-4	0.1000000
1,2,5,6,9,10-hexabromocyclododecane	3194-55-6	0.1000000
alpha-hexabromocyclododecane	134237-50-6	0.1000000
beta-hexabromocyclododecane	134237-51-7	0.1000000
gamma-hexabromocyclododecane	134237-52-8	0.1000000
Dibutyl phthalate (DBP)	84-74-2	0.1000000
Diarsenic trioxide	1327-53-3	0.1000000
Diarsenic pentaoxide	1303-28-2	0.1000000
Cobalt dichloride	7646-79-9	0.1000000
Bis(tributyltin) oxide (TBTO)	56-35-9	0.1000000
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.1000000
Benzyl butyl phthalate (BBP)	85-68-7	0.1000000
Anthracene	120-12-7	0.1000000
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.1000000
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	0.1000000
4,4'- Diaminodiphenylmethane (MDA)	101-77-9	0.1000000
1-vinylimidazole	1072-63-5	0.1000000
2-methylimidazole	693-98-1	0.1000000
butyl 4-hydroxybenzoate	94-26-8	0.1000000
Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.1000000
Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	0.1000000
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	-	0.1000000
diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	0.1000000
Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4	0.1000000
Diocetyl tin dilaurate	3648-18-8	0.1000000
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.1000000
Orthoboric acid, sodium salt	13840-56-7	0.1000000

2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2- bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0, 36483-57-5, 1522-92-5, 96-13-9	0.1000000
Glutaral	111-30-8	0.1000000
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)	-	0.1000000
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	0.1000000
1,4-dioxane	123-91-1	0.1000000
4,4'-(1-methylpropylidene)bisphenol	77-40-7	0.1000000
(1S,3Z,4R)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-25-4	0.1000000
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	0.1000000
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.1000000
(+/-)-1,7,7-Trimethyl-3-[(4- methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	36861-47-9	0.1000000
(3E)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one	1782069-81-1	0.1000000
(±)-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)		0.1000000
2,5,7,10-Tetraoxa-6-silaundecane, 6-ethenyl-6-(2- methoxyethoxy)-	1067-53-4	0.1000000
(1S,3E,4R)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-30-1	0.1000000
(1R,3Z,4S)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-21-0	0.1000000
Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en- 1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6- dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		0.1000000
(1R,3E,4S)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one	95342-41-9	0.1000000
(1R,4S)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one	741687-98-9	0.1000000
Bis(4-chlorophenyl) sulphone	80-07-9	0.1000000
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.1000000

