




## **RoHS3 (6+4) / REACH Certificate of Compliance**

We hereby certify that the following parts are in full compliance with the RoHS3 & REACH directives and meets, or exceeds, all the requirements as outlined in EU Directives 2015/863/EU (RoHS3) and (EC) No 552/2009 (as of 10 June 2022) (REACH).

Parts Covered Under this CoC:

HTT50x family of product

  
Brian Ingwersen  
Production

April 14, 2023

## Appendix 1 – Substances of Concern

RoHS Substances of Concern (10):	
Lead (0.1 %)	Mercury (0.1 %)
Cadmium (0.01 %)	Hexavalent chromium (0.1 %)
Polybrominated biphenyls (PBB) (0.1 %)	Polybrominated diphenyl ethers (PBDE) (0.1 %)
Bis(2-ethylhexyl) phthalate (DEHP) (0.1 %)	Butyl benzyl phthalate (BBP) (0.1 %)
Dibutyl phthalate (DBP) (0.1 %)	Diisobutyl phthalate (DIBP) (0.1 %)

REACH Substance of Concern (224):	EC No.	CAS No.
Substance name	EC No.	CAS No.
N-(hydroxymethyl)acrylamide	213-103-2	924-42-5
tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4
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	401-850-9	255881-94-8
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1
(±)-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)	-	-
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	253-242-6	36861-47-9
(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	1782069-81-1
(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	95342-41-9
(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-30-1
(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-21-0
(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	741687-98-9
(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-25-4
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-
Phenol, dodecyl-, branched	310-154-3	121158-58-5
Phenol, 4-dodecyl, branched	-	210555-94-5
Phenol, 4-isododecyl-	-	27147-75-7
Phenol, tetrapropylene-	-	57427-55-1
Phenol, (tetrapropenyl) derivatives	-	74499-35-7
4-isododecylphenol	-	27459-10-5
orthoboric acid, sodium salt	-	-
Boric acid, sodium salt	215-604-1	1333-73-9

Orthoboric acid, sodium salt	237-560-2	13840-56-7
boric acid (H3BO3), sodium salt, hydrate	-	25747-83-5
boric acid (H3BO3), sodium salt (1:1)	-	14890-53-0
Boric acid (H3BO3), disodium salt	-	22454-04-2
Trisodium orthoborate	238-253-6	14312-40-4
Medium-chain chlorinated paraffins (MCCP)	-	-
Alkanes, C14-16, chloro	-	1372804-76-6
di-, tri- and tetrachlorotetradecane	-	-
Alkanes, C14-17, chloro	287-477-0	85535-85-9
Tetradecane, chloro derivs.	-	198840-65-2
glutaral	203-856-5	111-30-8
4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-
(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	-	75166-31-3
2-(4-tert-butylbenzyl)propionaldehyde	201-289-8	80-54-6
(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	-	75166-30-2
2,2-bis(bromomethyl)propane-1,3-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)	-	-
2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	253-057-0	36483-57-5
2,3-dibromo-1-propanol (2,3-DBPA)	202-480-9	96-13-9
2,2-bis(bromomethyl)propane-1,3-diol (BMP)	221-967-7	3296-90-0
3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	-	1522-92-5
1,4-dioxane	204-661-8	123-91-1
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	-	-
Stannane, dioctyl-, bis(coco acyloxy) derivs.	293-901-5	91648-39-4
diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	-
Diocetyl tin dilaurate	222-883-3	3648-18-8
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8
Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4
Butyl 4-hydroxybenzoate	202-318-7	94-26-8
2-methylimidazole	211-765-7	693-98-1
1-vinylimidazole	214-012-0	1072-63-5
Perfluorobutane sulfonic acid (PFBS) and its salts	-	-
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	249-616-3	29420-49-3
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	206-793-1	375-73-5
bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate	432-660-4	194999-85-4
tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	444-440-5	220689-12-3
dimethyl(phenyl)sulfanium perfluorobutanesulfonate	452-310-4	220133-51-7
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	269-513-7	68259-10-9

Triphenylsulfanium perfluorobutane sulfonate	478-340-8	144317-44-2
N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	-	25628-08-4
magnesium perfluorobutanesulfonate	-	507453-86-3
lithium perfluorobutanesulfonate	-	131651-65-5
morpholinium perfluorobutanesulfonate	-	503155-89-3
1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate	468-770-4	-
Diisohexyl phthalate	276-090-2	71850-09-4
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-
tris(4-nonylphenyl, branched) phosphite	-	-
tris(nonylphenyl) phosphite	247-759-6	26523-78-4
Phenol, 4-nonyl-, phosphite (3:1)	-	3050-88-2
Phenol, p-sec-nonyl-, phosphite	-	106599-06-8
Phenol, p-isononyl-, phosphite (3:1)	-	31631-13-7
4-tert-butylphenol	202-679-0	98-54-4
2-methoxyethyl acetate	203-772-9	110-49-6
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	218-173-8	2062-98-8
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	236-236-8	13252-13-6
potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	266-578-3	67118-55-2
ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	-	62037-80-3
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-	-	75579-40-7
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-	-	75579-39-4
Pyrene	204-927-3	129-00-0
Phenanthrene	201-581-5	85-01-8
Fluoranthene	205-912-4	206-44-0
Benzo[k]fluoranthene	205-916-6	207-08-9
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8
Terphenyl, hydrogenated	262-967-7	61788-32-7
Octamethylcyclotetrasiloxane	209-136-7	556-67-2
Lead	231-100-4	7439-92-1
Ethylenediamine	203-468-6	107-15-3
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6
Disodium octaborate	234-541-0	12008-41-2
Dicyclohexyl phthalate	201-545-9	84-61-7
Decamethylcyclopentasiloxane	208-764-9	541-02-6
Benzo[ghi]perylene	205-883-8	191-24-2
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	209-008-0	552-30-7

Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	-	1471311-26-8
Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	300-298-5	93925-00-9
Chrysene	205-923-4	218-01-9
Cadmium nitrate	233-710-6	10325-94-7
Cadmium hydroxide	244-168-5	21041-95-2
Cadmium carbonate	208-168-9	513-78-0
Benz[a]anthracene	200-280-6	56-55-3
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"™)	-	-
(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> , <sup>9</sup> .0 <sup>2</sup> , <sup>13</sup> .0 <sup>5</sup> , <sup>10</sup> ]octadeca-7,15-diene	-	135821-03-3
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	236-948-9	13560-89-9
(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> , <sup>9</sup> .0 <sup>2</sup> , <sup>13</sup> .0 <sup>5</sup> , <sup>10</sup> ]octadeca-7,15-diene	-	135821-74-8
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	-	-
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	-	-
Perfluorohexane-1-sulphonic acid and its salts	-	-
perfluorohexane-1-sulphonic acid	206-587-1	355-46-4
ammonium perfluorohexane-1-sulphonate	269-511-6	68259-08-5
tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	274-462-9	70225-16-0
potassium perfluorohexane-1-sulphonate	223-393-2	3871-99-6
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
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
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
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
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

Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	144116-10-9
Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1462414-59-0
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	153443-35-7
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
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
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
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	341548-85-4
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
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
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
Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	-	421555-73-9
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
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	425670-70-8
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	-	55120-77-9
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	-	70136-72-0
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
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	-	82382-12-5
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
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	910606-39-2
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	911027-68-4
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-	-	911027-69-5

methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate		
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	-	92011-17-1
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
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
N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate	-	108427-55-0
N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	-	108427-54-9
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1000597-52-3
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)	-	341035-71-0
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	-
Nonadecafluorodecanoic acid	206-400-3	335-76-2
sodium nonadecafluorodecanoate	-	3830-45-3
Ammonium nonadecafluorodecanoate	221-470-5	3108-42-7
4-heptylphenol, branched and linear	-	-
Phenol, heptyl derivs.	276-743-1	72624-02-3
4-heptylphenol	217-862-0	1987-50-4
4-(3-ethylpentan-3-yl)phenol	-	37872-24-5
4-(2-methylhexan-2-yl)phenol	-	30784-31-7
4-(3,3-dimethylpentan-2-yl)phenol	-	911371-06-7
4-(3-methylhexan-2-yl)phenol	-	854904-93-1
4-(4,4-dimethylpentan-2-yl)phenol	-	911371-07-8
4-(4-methylhexan-2-yl)phenol	-	71945-81-8
4-(5-methylhexan-2-yl)phenol	-	857629-71-1
4-(2,2-dimethylpentan-3-yl)phenol	-	861010-65-3
4-(3-methylhexan-3-yl)phenol	-	30784-32-8
4-(heptan-3-yl)phenol	-	6465-74-3
4-(heptan-2-yl)phenol	-	6863-24-7
4-(heptan-4-yl)phenol	-	6465-71-0
4-(3-ethylpentyl)phenol	-	911370-98-4
4-(3-methylhexyl)phenol	-	102570-52-5
4-(4-methylhexyl)phenol	-	1139800-98-8
4-(5-methylhexyl)phenol	-	100532-36-3
4-(2,4-dimethylpentan-3-yl)phenol	-	1824346-00-0
Phenol, 4-tert-heptyl-	-	288864-02-8
Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-	-	30784-27-1
4-(2,3-dimethylpentan-2-yl)phenol	-	861011-60-1
4-(2,4-dimethylpentan-2-yl)phenol	-	33104-11-9

4-(2,3,3-trimethylbutan-2-yl)phenol	-	72861-06-4
4-(5-methylhexan-3-yl)phenol	-	854904-92-0
4,4'-isopropylidenediphenol	201-245-8	80-05-7
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	-
Perfluorononan-1-oic-acid	206-801-3	375-95-1
Sodium salts of perfluorononan-1-oic-acid	-	21049-39-8
Ammonium salts of perfluorononan-1-oic-acid	-	4149-60-4
Nitrobenzene	202-716-0	98-95-3
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1
1,3-propanesultone	214-317-9	1120-71-4
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]	-	-
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-06-9
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	413-720-9	-
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	-	117933-89-8
Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane	-	-
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	-	186309-28-4
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-05-8
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-	-	343934-04-3
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-09-2
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	-	343934-05-4
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-04-7
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-08-1



1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-03-6
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-07-0
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-02-5
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	-
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	272-013-1	68648-93-1
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	271-094-0	68515-51-5
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)	-	-
Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6
Cadmium fluoride	232-222-0	7790-79-6
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1
Sodium peroxometaborate	231-556-4	7632-04-4
Sodium perborate, perboric acid, sodium salt	-	-
Perboric acid, sodium salt, tetrahydrate ( )	-	37244-98-7
Perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate	600-611-8	10486-00-7
Sodium perborate monohydrate	600-419-4	10332-33-9
Sodium perborate	239-172-9	15120-21-5
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	-	90568-23-3
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)	-	125022-34-6
Perboric acid, sodium salt, Perboric acid, sodium salt, tetrahydrate	234-390-0	11138-47-9, 37244-98-7
Perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate	-	13517-20-9
Cadmium chloride	233-296-7	10108-64-2
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4
Trixylyl phosphate	246-677-8	25155-23-1
Lead di(acetate)	206-104-4	301-04-2
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7
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)	217-710-3	1937-37-7
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0

Dihexyl phthalate	201-559-5	84-75-3
Cadmium sulphide	215-147-8	1306-23-6
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1
Dipentyl phthalate (DPP)	205-017-9	131-18-0
Cadmium oxide	215-146-2	1306-19-0
Cadmium	231-152-8	7440-43-9
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1
4-Nonylphenol, branched and linear, ethoxylated	-	-
Nonylphenol, ethoxylated (6,5-EO)	-	9016-45-9
2-[2-(4-nonylphenoxy)ethoxy]ethanol	243-816-4	20427-84-3
2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	230-770-5	7311-27-5
Nonylphenol, branched, ethoxylated	500-209-1	68412-54-4
4-Nonylphenol, ethoxylated	500-045-0	26027-38-3
Nonylphenol, ethoxylated	500-024-6	9016-45-9
Nonylphenol, ethoxylated (8-EO)	-	9016-45-9
Poly(oxy-1,2-ethanediyl), $\alpha$ -(nonylphenyl)- $\omega$ -hydroxy-, branched	-	68412-54-4
Poly (oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched	-	68412-54-4
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-743-1	27942-27-4
Nonylphenol, ethoxylated (15-EO)	-	9016-45-9
Nonylphenol, ethoxylated (10-EO)	-	9016-45-9
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24- octaoxahexacosan -1-ol	-	14409-72-4
2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol	-	1119449-38-5
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]	-	-
Nonylphenol, ethoxylated (EO = 4)	-	-
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]	-	-
2-(4-nonylphenoxy)ethanol	-	104-35-8
2-[2-(nonylphenoxy)ethoxy]ethanol	248-291-5	27176-93-8
20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-292-0	27177-03-3
23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaotricosan-1-ol	248-293-6	27177-05-5
29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaonacosanol	248-294-1	27177-08-8
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	255-695-5	42173-90-0
44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaotatetracontanol	260-678-0	57321-10-5

4-t-Nonylphenol-diethoxylate	-	156609-10-8
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	-	20636-48-0
14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	247-555-7	26264-02-8
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	-	1119449-37-4
Nonylphenolpolyglycolether	-	-
4-Nonylphenol, branched, ethoxylated	-	127087-87-0
Poly(oxy-1,2-ethanediyl), $\alpha$ -(nonylphenyl)- $\omega$ -hydroxy-	-	9016-45-9
Isononylphenol, ethoxylated	-	37205-87-1
17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol	-	34166-38-6
4-Nonylphenol, branched, ethoxylated	500-315-8	127087-87-0
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched	293-926-1	91648-64-5
2-(isononylphenoxy)ethanol	284-987-5	85005-55-6
2-(nonylphenoxy)ethanol	248-762-5	27986-36-3
20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	265-785-6	65455-69-8
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	247-816-5	26571-11-9
3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-	-	27177-01-1
3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-	-	65455-72-3
Trilead dioxide phosphonate	235-252-2	12141-20-7
Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6
Tricosafuorododecanoic acid	206-203-2	307-55-1
Tetralead trioxide sulphate	235-380-9	12202-17-4
Tetraethyllead	201-075-4	78-00-2
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7
Silicic acid, lead salt	234-363-3	11120-22-2
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	272-271-5	68784-75-8
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8
Pentalead tetraoxide sulphate	235-067-7	12065-90-6
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8
Orange lead (lead tetroxide)	215-235-6	1314-41-6
o-toluidine	202-429-0	95-53-4
o-aminoazotoluene	202-591-2	97-56-3
n-pentyl-isopentyl phthalate	-	776297-69-9
N-methylacetamide	201-182-6	79-16-3
N,N-dimethylformamide	200-679-5	68-12-2
Methyloxirane (Propylene oxide)	200-879-2	75-56-9
Methoxyacetic acid	210-894-6	625-45-6
Lead titanium zirconium oxide	235-727-4	12626-81-2
Lead titanium trioxide	235-038-9	12060-00-3
Lead oxide sulfate	234-853-7	12036-76-9
Lead monoxide (lead oxide)	215-267-0	1317-36-8
Lead dinitrate	233-245-9	10099-74-8