

Sensor Technology Ltda.  
Av. Dr. Ulysses Guimarães, 3230  
Diadema - SP - Brazil  
CEP 09990-080

Contact Name: Vagner Queiroz

Phone: +55 11 4070-5926  
Fax: +55 11 4071-2791

E-mail: [vagner.queiroz@sensor-technology.com.br](mailto:vagner.queiroz@sensor-technology.com.br)

[www.sensor-technology.com.br](http://www.sensor-technology.com.br)

## REACH and Delivery Performance

February 10th, 2026

Dear all,

Sensor Technology (ST) would like to provide a response for the regulation of the European Community for the Regulation, Evaluation and Authorization of Chemicals (REACH), as its regulation relates to our delivery performance, according to the European Chemicals Agency (ECHA).

The products of ST are in accordance with article 33 of the regulation. No release of substances will occur with normal use. As a result, the registration according to article 7.1 it's not necessary.

We have also required and received from our suppliers, of raw materials and supplies, declarations confirming that they have done or will do the registration or pre-registration of all relevant and hazardous substances.

Therefore, we confirm that the REACH declaration has no impact on our ability to deliver product.

Furthermore, we declare that no Substances of Very High Concern (SVHC) according to the Candidate List of the REACH regulation are being used in the manufacture of the products of ST. The related SVHC list is given in the annex below.



Kind regards

Luis Bombonatti

Commercial, Technological and Industrial Director

Annex: List of SVHC materials

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
n-hexane	203-777-6	110-54-3	04/02/2026	Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene] diphenol and its salts	-	-		
Benzyltriphenylphosphonium, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1)	278-305-5	75768-65-9		
Reaction mass of 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and benzyl(diethylamino) diphenylphosphonium 4-[1,1,1,3,3,3-hexafluoro-2-(4-hydroxyphenyl)propan-2-yl]phenolate (1:1)	-	-		
Reaction mass of 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and benzyltriphenylphosphonium, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (1:1)	-	-		
disodium 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenolate	425-060-9	-	04/02/2026	Toxic for reproduction (Article 57c)
4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (Bisphenol AF)	216-036-7	1478-61-1		
Phosphonium, tributyl(2-methoxypropyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1)	468-740-0	126049-00-1		
Reaction products of benzene, chlorine and sulfur chloride (S <sub>2</sub> Cl <sub>2</sub> ) with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol	469-080-6	921213-47-0		
benzyl(diethylamino)diphenylphosphonium 4-[1,1,1,3,3,3-hexafluoro-2-(4-hydroxyphenyl)propan-2-yl]phenolate	479-100-5	577705-90-9		
N,N-dibutyl-N-methylbutan-1-aminium 4-[1,1,1,3,3,3-hexafluoro-2-(4-hydroxyphenyl)propan-2-yl]phenolate	443-330-4			
1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)	284-366-9	84852-53-9	05/11/2025	vPvB (Article 57e)
tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2-[(4-fluoro-6-{4-(vinylsulfonyl)phenyl}amino)-1,3,5-triazine-2-yl]amino}propyl)amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazanyl]-5-methoxyphenyl}diazanyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	466-490-7	-	25/06/2025	Toxic for reproduction (Article 57c)
substance having a complex composition with <80% of the above constituents and other reaction side products				
decamethyltetrasiloxane	205-491-7	141-62-8	25/06/2025	vPvB (Article 57e)
1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	241-867-7	17928-28-8	25/06/2025	vPvB (Article 57e)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	21/01/2025	PBT (Article 57d)
Perfluamine	206-420-2	338-83-0	21/01/2025	vPvB (Article 57e)
Octamethyltrisiloxane	203-497-4	107-51-7	21/01/2025	vPvB (Article 57e)
O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0	21/01/2025	PBT (Article 57d)
6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	701-118-1	2156592-54-8	21/01/2025	Toxic for reproduction (Article 57c)
Triphenyl phosphate	204-112-2	115-86-6	07/11/2024	Endocrine disrupting properties (Article 57(f) - environment)
Bis(α,α-dimethylbenzyl) peroxide	201-279-3	80-43-3	27/06/2024	Toxic for reproduction (Article 57c)
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	23/01/2024	vPvB (Article 57e)
Phenol, methylstyrenate	270-966-8	68512-30-1		
Bumetrizole (UV-326)	223-445-4	3896-11-5	23/01/2024	vPvB (Article 57e)
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	23/01/2024	Toxic for reproduction (Article 57c)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	3147-75-9	23/01/2024	vPvB (Article 57e)
2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	23/01/2024	Toxic for reproduction (Article 57c) PBT (Article 57d)
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	14/01/2023	Toxic for reproduction (Article 57c)
bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	14/01/2023	vPvB (Article 57e)
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	-	17/01/2023	vPvB (Article 57e)
Perfluoroheptanoic acid and its salts	-	-	17/01/2023	Toxic for reproduction (Article 57c) PBT (Article 57d) vPvB (Article 57e) Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
potassium perfluoroheptanoate	-	21049-36-5		
Perfluoroheptanoic acid	206-798-9	375-85-9		
Sodium perfluoroheptanoate	243-518-4	20109-59-5		
Ammonium perfluoroheptanoate	228-098-2	6130-43-4		
Melamine	203-615-4	108-78-1	17/01/2023	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	17/01/2023	Endocrine disrupting properties (Article 57(f) - human health)
bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	17/01/2023	vPvB (Article 57e)
Bis(2-ethylhexyl) tetrabromophthalate	247-426-5	26040-51-7		
Barium diboron tetraoxide	237-222-4	13701-59-2	17/01/2023	Toxic for reproduction (Article 57c)
4,4'-sulphonyldiphenol	201-250-5	80-09-1	17/01/2023	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	17/01/2023	Carcinogenic (Article 57a)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
1,1'-[ethane-1,2-diylbis(oxy)bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	17/01/2023	vPvB (Article 57e)
N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	10/06/2022	
tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	17/01/2022	Toxic for reproduction (Article 57c)
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	17/01/2022	PBT (Article 57d)
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	17/01/2022	Toxic for reproduction (Article 57c)
(±)-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)	-	-	17/01/2022	Endocrine disrupting properties (Article 57(f) - human health)
(±)-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	17/01/2022	Endocrine disrupting properties (Article 57(f) - human health)
(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)	-	-	08/07/2021	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)
4-isododecylphenol	-	27459-10-5		
Phenol, tetrapropylene-	-	57427-55-1		
Phenol, 4-dodecyl, branched	-	210555-94-5		
Phenol, (tetrapropenyl) derivatives	-	74499-35-7		
Phenol, 4-isododecyl-	-	27147-75-7		
Phenol, dodecyl-, branched	310-154-3	121158-58-5	08/07/2021	Toxic for reproduction (Article 57c)
orthoboric acid, sodium salt	-	-		
boric acid (H3BO3), sodium salt, hydrate	-	25747-83-5		
Boric acid, sodium salt	215-604-1	1333-73-9		
Boric acid (H3BO3), disodium salt	-	22454-04-2		
Trisodium orthoborate	238-253-6	14312-40-4		
Boric acid (H3BO3), sodium salt (1:1)	-	14890-53-0		
Orthoboric acid, sodium salt	237-560-2	13840-56-7	08/07/2021	PBT (Article 57d) vPvB (Article 57e)
Medium-chain chlorinated paraffins (MCCP)	-	-		
Alkanes, C14-17, chloro	287-477-0	85535-85-9		

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
Tetradecane, chloro derivs.	-	198840-65-2	08/07/2021	PBT (Article 57d) vPvB (Article 57e)
Alkanes, C14-16, chloro	-	1372804-76-6		
di-, tri- and tetrachlorotetradecane	-	-		
glutaral	203-856-5	111-30-8	08/07/2021	Respiratory sensitising properties (Article 57(f) - human health)
4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	08/07/2021	Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	08/07/2021	Toxic for reproduction (Article 57c)
(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)	-	-	08/07/2021	Carcinogenic (Article 57a)
2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	253-057-0	36483-57-5		
3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	-	1522-92-5		
2,2-bis(bromomethyl)propane-1,3-diol (BMP)	221-967-7	3296-90-0		
2,3-dibromo-1-propanol (2,3-DBPA)	202-480-9	96-13-9		
1,4-dioxane	204-661-8	123-91-1	08/07/2021	Carcinogenic (Article 57a) Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
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	-	-	19/01/2021	Toxic for reproduction (Article 57c)
Diocetyl tin dilaurate	222-883-3	3648-18-8		
diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	-		
Stannane, dioctyl-, bis(coco acyloxy) derivs.	293-901-5	91648-39-4		
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	19/01/2021	Toxic for reproduction (Article 57c)
Dibutyltin (pentane-2,4-dionato-O,O') tin	245-152-0	22673-19-4	25/06/2020	Toxic for reproduction (Article 57c)
Butyl 4-hydroxybenzoate	202-318-7	94-26-8	25/06/2020	Endocrine disrupting properties (Article 57(f) - human health)
2-methylimidazole	211-765-7	693-98-1	25/06/2020	Toxic for reproduction (Article 57c)
1-vinylimidazole	214-012-0	1072-63-5	25/06/2020	Toxic for reproduction (Article 57c)
Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	16/01/2020	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)"
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	206-793-1	375-73-5		
bis(4-t-butylphenyl)iodonium perfluorobutanesulfonat	432-660-4	194999-85-4		
tetrabutyl-phosphonium nonafluorobutane-1-sulfonate	444-440-5	220689-12-3		

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
dimethyl(phenyl)sulfanium perfluorobutanesulfonate	452-310-4	220133-51-7	16/01/2020	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)"
1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate	468-770-4	-		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	269-513-7	68259-10-9		
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		
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	249-616-3	29420-49-3		
Triphenylsulfanium perfluorobutane sulfonate EC No.:	478-340-8	144317-44-2		
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	16/01/2020	Toxic for reproduction (Article 57c)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	16/01/2020	Toxic for reproduction (Article 57c)
Diisohexyl phthalate	276-090-2	71850-09-4	16/01/2020	Toxic for reproduction (Article 57c)
2-methoxyethyl acetate	203-772-9	110-49-6	16/07/2019	Toxic for reproduction (Article 57c)
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	16/07/2019	Endocrine disrupting properties (Article 57(f) - environment)
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	-	-	16/07/2019	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
4-tert-butylphenol	202-679-0	98-54-4	16/07/2019	Endocrine disrupting properties (Article 57(f) - environment)
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	239-139-9	15087-24-8	15/01/2019	Endocrine disrupting properties (Article 57(f) - environment)
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	15/01/2019	Toxic for reproduction (Article 57c)
Benzo[k]fluoranthene	205-916-6	207-08-9	15/01/2019	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Fluoranthene	205-912-4	206-44-0	15/01/2019	PBT (Article 57d) vPvB (Article 57e)
Phenanthrene	201-581-5	85-01-8	15/01/2019	vPvB (Article 57e)
Pyrene	204-927-3	129-00-0	15/01/2019	PBT (Article 57d) vPvB (Article 57e)
Benzo[ghi]perylene	205-883-8	191-24-2	27/06/2018	PBT (Article 57d) vPvB (Article 57e)
Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	27/06/2018	PBT (Article 57d) vPvB (Article 57e)
Disodium octaborate	234-541-0	12008-41-2	27/06/2018	Toxic for reproduction (Article 57c)
Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6	27/06/2018	PBT (Article 57d) vPvB (Article 57e)
Ethylenediamine	203-468-6	107-15-3	27/06/2018	Respiratory sensitising properties (Article 57(f) - human health)
Lead	231-100-4	7439-92-1	27/06/2018	Toxic for reproduction (Article 57c)
Octamethylcyclotetrasiloxane D4	209-136-7	556-67-2	27/06/2018	PBT (Article 57d) vPvB (Article 57e)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
Terphenyl, hydrogenated	262-967-7	61788-32-7	27/06/2018	vPvB (Article 57e)
Dicyclohexyl phthalate	201-545-9	84-61-7	27/06/2018	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	209-008-0	552-30-7	27/06/2018	Respiratory sensitising properties (Article 57(f) - human health)
Benz[a]anthracene	200-280-6	56-55-3	15/01/2018	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Cadmium carbonate	208-168-9	513-78-0	15/01/2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium hydroxide	244-168-5	21041-95-2	15/01/2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium nitrate	233-710-6	10325-94-7	15/01/2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Chrysene	205-923-4	218-01-9	15/01/2018	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> )	-	-	15/01/2018	vPvB (Article 57e)
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	15/01/2018	Endocrine disrupting properties (Article 57(f) - environment)
Perfluorohexane-1-sulphonic acid and its salts PFHxS	-	-	07/07/2017	vPvB (Article 57e)
4,4'-isopropylidenediphenol	201-245-8	80-05-7	12/01/2017	Toxic for reproduction (Article 57c)
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3	335-76-2	12/01/2017	Toxic for reproduction (Article 57c) PBT (Article 57 d)
4-heptylphenol, branched and linear	-	-	12/01/2017	Equivalent level of concern having probable serious effects to environment (Article 57 f)
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	12/01/2017	Equivalent level of concern having probable serious effects to environment (Article 57 f)
Benzo[def]chrysene	200-028-5	50-32-8	20/06/2016	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)
Nitrobenzene	202-716-0	98-95-3	17/12/2015	Toxic for reproduction (Article 57c)
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015	vPvB (Article 57 e)
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015	vPvB (Article 57 e)
1,3-propanesultone	214-317-9	1120-71-4	17/12/2015	Carcinogenic (Article 57a)
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	-	17/12/2015	Toxic for reproduction (Article 57c) PBT (Article 57 d)
Perfluorononan-1-oic-acid EC No.: 206-801-3   CAS No.: 375-95-1	206-801-3	375-95-1		
sodium heptadecafluorononanoate	-	21049-39-8		
ammonium heptadecafluorononanoate	-	4149-60-4	17/12/2015	Toxic for reproduction (Article 57c) PBT (Article 57 d)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with $\geq$ 0.3% of dihexyl phthalate	201-559-5	-	15/06/2015	Toxic for reproduction (Article 57c)
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		
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]	-	-	15/06/2015	vPvB (Article 57 e)
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-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-06-9		
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	-	-		
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-		
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-		
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- EC	-	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- EC	-	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		

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- EC	-	676367-03-6	15/06/2015	vPvB (Article 57 e)
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- EC	-	676367-02-5		
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	-	117933-89-8		
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)	-	-	17/12/2014	Toxic for reproduction (Article 57c)
Cadmium sulfate	233-331-6	10124-36-4, 31119-53-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Sulfuric acid, cadmium salt (1:1), hydrate	626-360-4	15244-35-6		
Sulfuric acid, cadmium salt, hydrate (3:3:8)	616-572-5	7790-84-3		
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014	PBT (Article 57 d) vPvB (Article 57 e)
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17/12/2014	Toxic for reproduction (Article 57c)
Cadmium fluoride	232-222-0	7790-79-6	17/12/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16/06/2014	Toxic for reproduction (Article 57c)
Cadmium chloride	233-296-7	10108-64-2	16/06/2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
cadmium chloride (CdCl <sub>2</sub> ), hydrate	640-998-0	7790-78-5		
Sodium perborate, perboric acid, sodium salt	-	-	16/06/2014	Toxic for reproduction (Article 57c)
Sodium perborate monohydrate	-	10332-33-9		
Perboric acid, sodium salt, tetrahydrate ( )	-	37244-98-7		
Perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate	-	10486-00-7		
Perboric acid, sodium salt	234-390-0	11138-47-9	16/06/2014	Toxic for reproduction (Article 57c)
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)	-	125022-34-6	16/06/2014	Toxic for reproduction (Article 57c)
Sodium perborate	239-172-9,	15120-21-5		
Perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate	-	13517-20-9		
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	-	90568-23-3		
Sodium peroxometaborate	231-556-4	7632-4-4	16/06/2014	Toxic for reproduction (Article 57c)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
Cadmium sulphide	215-147-8	1306-23-6	16/12/2013	Carcinogenic (Article 57a) Equivalent level of concern having probable serious effects to human health (Article 57 f)
Dihexyl phthalate	201-559-5	84-75-3	16/12/2013	Toxic for reproduction (Article 57c)
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	16/12/2013	Carcinogenic (Article 57a)
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	16/12/2013	Carcinogenic (Article 57a)
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013	Toxic for reproduction (Article 57c)
Lead di(acetate)	206-104-4	301-04-2	16/12/2013	Toxic for reproduction (Article 57c)
Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013	Toxic for reproduction (Article 57c)
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	799-990-1	-		
2-[2-(4-nonylphenoxy)ethoxy]ethanol	243-816-4	20427-84-3		
23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaacosan-1-ol	248-293-6	27177-05-5		
2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethoxy ethanol	230-770-5	7311-27-5		
4-Nonylphenol, ethoxylated	500-045-0	26027-38-3		
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-743-1	27942-27-4		
2-(nonylphenoxy)ethanol	248-762-5	27986-36-3	20/06/2013	Endocrine disrupting properties (Article 57(f) - environment)
Nonylphenol, branched, ethoxylated	500-209-1	68412-54-4		
2-[2-(nonylphenoxy)ethoxy]ethanol	248-291-5	27176-93-8		
Nonylphenol, ethoxylated	500-024-6	9016-45-9		
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan -1-ol	-	14409-72-4		
4-Nonylphenol, branched, ethoxylated	500-315-8	127087-87-0		
2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol	-	1119449-38-5		
14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	247-555-7	26264-02-8		
Isononylphenol, ethoxylated	-	37205-87-1		
2-(4-nonylphenoxy)ethanol	-	104-35-8		
3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-	-	65455-72-3		
3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-	-	27177-01-1		
17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol	-	34166-38-6		

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	-	20636-48-0	20/06/2013	Endocrine disrupting properties (Article 57(f) - environment)
Nonylphenolpolyglycoether	-	-		
Nonylphenol, ethoxylated (EO = 10)	-	-		
Nonylphenol, ethoxylated (EO = 4)	-	-		
Nonylphenol, ethoxylated (polymer)	-	-		
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	-	1119449-37-4		
4-Nonylphenol, branched, ethoxylated	-	127087-87-0		
Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-	-	9016-45-9		
4-t-Nonylphenol-diethoxylate	-	156609-10-8		
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		
44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradeca-oxatetracontanol	260-678-0	57321-10-5		
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-octaoxa-hexacosan-1-ol;	255-695-5	42173-90-0		
20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-292-0	27177-03-3		
29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nona-oxanonacosanol	248-294-1	27177-08-8		
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxa-hexacosan-1-ol	247-816-5	26571-11-9		
Nonylphenol, ethoxylated (10-EO)	-	9016-45-9		
Nonylphenol, ethoxylated (15-EO)	-	9016-45-9		
Nonylphenol, ethoxylated (6,5-EO)	-	9016-45-9		
Poly (oxy-1,2-ethanediyl), alpha - (nonylphenyl)-omega-hydroxy-, branched	-	-		
Nonylphenol, ethoxylated (8-EO)	-	9016-45-9		
Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched	-	68412-54-4		
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013	Toxic for reproduction (Article 57c) PBT (Article 57 d)
Cadmium	231-152-8	7440-43-9	20/06/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium oxide	215-146-2	1306-19-0	20/06/2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013	Toxic for reproduction (Article 57c)
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013	Toxic for reproduction (Article 57c) PBT (Article 57 d)
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19/12/2012	Toxic for reproduction (Article 57c)
1,2-Diethoxyethane	211-076-1	629-14-1	19/12/2012	Toxic for reproduction (Article 57c)
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012	Toxic for reproduction (Article 57c)
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012	Toxic for reproduction (Article 57c)
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012	Carcinogenic (Article 57a)
4,4'-oxydianiline and its salts	-	-	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)
4,4'-oxydianiline	202-977-0	101-80-4		

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)
2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol	-	2315-61-9		
2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol	-	2315-67-5		
20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	219-682-8	2497-59-8		
Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether	-	9002-93-1		
Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	-	9036-19-5		
4-aminoazobenzene	200-453-6	60-09-3	19/12/2012	Carcinogenic (Article 57a)
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012	Carcinogenic (Article 57a)
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19/12/2012	Carcinogenic (Article 57a)
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012	Toxic for reproduction (Article 57c)
Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012	Toxic for reproduction (Article 57c)
Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012	Carcinogenic (Article 57a)
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	19/12/2012	PBT (Article 57 d) vPvB (Article 57 e)
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	-	-	19/12/2012	Endocrine disrupting properties (Article 57(f) - environment)
p-(1,1-dimethylheptyl)phenol	250-339-5	30784-30-6		
p-(1-methyloctyl)phenol	241-427-4	17404-66-9		
Phenol, 4-nonyl-, branched	284-325-5	84852-15-3		
4-(1-ethyl-1-methylhexyl)phenol	257-907-1	52427-13-1		
p-isononylphenol	247-770-6	26543-97-5		
4-(1-Ethyl-1,3-dimethylpentyl)phenol	-	186825-36-5		
4-(1-Ethyl-1,4-dimethylpentyl)phenol	-	142731-63-3		
p-nonylphenol	203-199-4	104-40-5		
Isononylphenol	234-284-4	11066-49-2		
4-(3-ethylheptan-2-yl)phenol	-	186825-39-8		
Phenol, nonyl-, branched	291-844-0	90481-04-2		
Nonylphenol	246-672-0	25154-52-3		
4-(1,1,5-Trimethylhexyl)phenol	-	521947-27-3		
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	19/12/2012	Respiratory sensitising properties (Article 57(f) - human health)
Cyclohexane-1,2-dicarboxylic anhydride all possible combinations of the cis- and trans-isomers	-	-	19/12/2012	Respiratory sensitising properties (Article 57(f) - human health)
Cyclohexane-1,2-dicarboxylic anhydride	201-604-9	85-42-7	19/12/2012	Respiratory sensitising properties (Article 57(f) - human health)
cis-cyclohexane-1,2-dicarboxylic anhydride	236-086-3	13149-00-3		
trans-cyclohexane-1,2-dicarboxylic anhydride	238-009-9	14166-21-3		

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19/12/2012	Toxic for reproduction (Article 57c)
Diethyl sulphate	200-589-6	64-67-5	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)
Diisopentyl phthalate	210-088-4	605-50-5	19/12/2012	Toxic for reproduction (Article 57c)
Dimethyl sulphate	201-058-1	77-78-1	19/12/2012	Carcinogenic (Article 57a)
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19/12/2012	Toxic for reproduction (Article 57c)
Dioxobis(stearato)trilead	235-702-8	12578-12-0	19/12/2012	Toxic for reproduction (Article 57c)
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19/12/2012	Toxic for reproduction (Article 57c)
Furan	203-727-3	110-00-9	19/12/2012	Carcinogenic (Article 57a)
Henicosfluoroundecanoic acid	218-165-4	2058-94-8	19/12/2012	vPvB (Article 57 e)
Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	19/12/2012	vPvB (Article 57 e)
Hexahydromethylphthalic anhydride including their cis- and trans- stereo isomeric forms and all possible combinations of the isomers	-	-	19/12/2012	Respiratory sensitising properties (Article 57(f) - human health)
Hexahydro-1-methylphthalic anhydride	256-356-4	48122-14-1		
Hexahydro-4-methylphthalic anhydride	243-072-0	19438-60-9		
Hexahydromethylphthalic anhydride	247-094-1	25550-51-0		
Hexahydro-3-methylphthalic anhydride	260-566-1	57110-29-9		
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19/12/2012	Toxic for reproduction (Article 57c)
Lead cyanamidate	244-073-9	20837-86-9	19/12/2012	Toxic for reproduction (Article 57c)
Lead dinitrate	233-245-9	10099-74-8	19/12/2012	Toxic for reproduction (Article 57c)
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19/12/2012	Toxic for reproduction (Article 57c)
Lead oxide sulfate	234-853-7	12036-76-9	19/12/2012	Toxic for reproduction (Article 57c)
Lead titanium trioxide	235-038-9	12060-00-3	19/12/2012	Toxic for reproduction (Article 57c)
Lead titanium zirconium oxide	235-727-4	12626-81-2	19/12/2012	Toxic for reproduction (Article 57c)
Methoxyacetic acid	210-894-6	625-45-6	19/12/2012	Toxic for reproduction (Article 57c)
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19/12/2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)
N,N-dimethylformamide	200-679-5	68-12-2	19/12/2012	Toxic for reproduction (Article 57c)
N-methylacetamide	201-182-6	79-16-3	19/12/2012	Toxic for reproduction (Article 57c)
N-pentyl-isopentylphthalate	-	776297-69-9	19/12/2012	Toxic for reproduction (Article 57c)
o-aminoazotoluene	202-591-2	97-56-3	19/12/2012	Carcinogenic (Article 57a)
o-toluidine	202-429-0	95-53-4	19/12/2012	Carcinogenic (Article 57a)
Orange lead (lead tetroxide)	215-235-6	1314-41-6	19/12/2012	Toxic for reproduction (Article 57c)
Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	19/12/2012	vPvB (Article 57 e)
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19/12/2012	Toxic for reproduction (Article 57c)
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	19/12/2012	Toxic for reproduction (Article 57c)
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19/12/2012	Toxic for reproduction (Article 57c)
Tetraethyllead	201-075-4	78-00-2	19/12/2012	Toxic for reproduction (Article 57c)
Tetralead trioxide sulphate	235-380-9	12202-17-4	19/12/2012	Toxic for reproduction (Article 57c)
Tricosfluorododecanoic acid	206-203-2	307-55-1	19/12/2012	vPvB (Article 57 e)
Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	19/12/2012	Toxic for reproduction (Article 57c)
Trilead dioxide phosphonate	235-252-2	12141-20-7	19/12/2012	Toxic for reproduction (Article 57c)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), 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	68784-75-8	19/12/2012	Toxic for reproduction (Article 57c)
Silicic acid, lead salt	234-363-3	11120-22-2	19/12/2012	Toxic for reproduction (Article 57c)
1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	203-977-3	112-49-2	18/06/2012	Toxic for reproduction (Article 57c)
1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18/06/2012	Toxic for reproduction (Article 57c)
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	18/06/2012	Mutagenic (Article 57b)
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	59653-74-6	18/06/2012	Mutagenic (Article 57b)
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	561-41-1	18/06/2012	Carcinogenic (Article 57a)
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18/06/2012	Carcinogenic (Article 57a)
[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	548-62-9	18/06/2012	Carcinogenic (Article 57a)
Diboron trioxide	215-125-8	1303-86-2	18/06/2012	Toxic for reproduction (Article 57c)
Formamide	200-842-0	75-12-7	18/06/2012	Toxic for reproduction (Article 57c)
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	6786-83-0	18/06/2012	Carcinogenic (Article 57a)
[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	2580-56-5	18/06/2012	Carcinogenic (Article 57a)
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18/06/2012	Toxic for reproduction (Article 57c)
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18/06/2012	Carcinogenic (Article 57a)
1,2-dichloroethane	203-458-1	107-06-2	19/12/2011	Carcinogenic (Article 57a)
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19/12/2011	Carcinogenic (Article 57a)
2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	19/12/2011	Carcinogenic (Article 57a)
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	19/12/2011	Endocrine disrupting properties (Article 57(f) - environment)
Trilead diarsenate	222-979-5	3687-31-8	19/12/2011	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19/12/2011	Carcinogenic (Article 57a)
Phenolphthalein	201-004-7	77-09-8	19/12/2011	Carcinogenic (Article 57a)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
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 <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	19/12/2011	Carcinogenic (Article 57a)
Refractories, fibers, aluminosilicate	-	142844-00-6		
Arsenic acid	231-901-9	7778-39-4	19/12/2011	Carcinogenic (Article 57a)
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19/12/2011	Toxic for reproduction (Article 57c)
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19/12/2011	Toxic for reproduction (Article 57c)
Calcium arsenate	231-904-5	7778-44-1	19/12/2011	Carcinogenic (Article 57a)
Dichromium tris(chromate)	246-356-2	24613-89-6	19/12/2011	Carcinogenic (Article 57a)
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19/12/2011	Carcinogenic (Article 57a)
Lead diazide, Lead azide	236-542-1	13424-46-9	19/12/2011	Toxic for reproduction (Article 57c)
Lead dipicrate	229-335-2	6477-64-1	19/12/2011	Toxic for reproduction (Article 57c)
Lead styphnate	239-290-0	15245-44-0	19/12/2011	Toxic for reproduction (Article 57c)
N,N-dimethylacetamide	204-826-4	127-19-5	19/12/2011	Toxic for reproduction (Article 57c)
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 <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	19/12/2011	Carcinogenic (Article 57a)
Refractories, fibers, aluminosilicate	-	142844-00-6		
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19/12/2011	Carcinogenic (Article 57a)
1,2,3-trichloropropane	202-486-1	96-18-4	20/06/2011	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
1,2-Benzenedicarboxylic acid, di-C <sub>6</sub> -8-branched alkyl esters, C <sub>7</sub> -rich	276-158-1	71888-89-6	20/06/2011	Toxic for reproduction (Article 57c)
1,2-Benzenedicarboxylic acid, di-C <sub>7</sub> -11-branched and linear alkyl esters	271-084-6	68515-42-4	20/06/2011	Toxic for reproduction (Article 57c)
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	20/06/2011	Toxic for reproduction (Article 57c)
2-ethoxyethyl acetate	203-839-2	111-15-9	20/06/2011	Toxic for reproduction (Article 57c)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
Hydrazine	206-114-9	302-01-2, 7803-57-8	20/06/2011	Carcinogenic (Article 57a)
Strontium chromate	232-142-6	7789-06-2	20/06/2011	Carcinogenic (Article 57a)
2-ethoxyethanol	203-804-1	110-80-5	15/12/2010	Toxic for reproduction (Article 57c)
2-methoxyethanol	203-713-7	109-86-4	15/12/2010	Toxic for reproduction (Article 57c)
Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers	-	-	15/12/2010	Carcinogenic (Article 57a)
Chromic acid	231-801-5	7738-94-5		
Oligomers of chromic acid and dichromic acid	-	-		
Dichromic acid	236-881-5	13530-68-2		
Chromium trioxide	215-607-8	1333-82-0	15/12/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)
Cobalt(II) carbonate	208-169-4	513-79-1	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Cobalt(II) diacetate	200-755-8	71-48-7	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Cobalt(II) dinitrate	233-402-1	10141-05-6	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Cobalt(II) sulphate	233-334-2	10124-43-3	15/12/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Ammonium dichromate	232-143-1	7789-09-5	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)
Boric acid	233-139-2	10043-35-3	18/06/2010	Toxic for reproduction (Article 57c)
Boric acid, crude natural	234-343-4	11113-50-1		
Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	18/06/2010	Toxic for reproduction (Article 57c)
Potassium chromate	232-140-5	7789-00-6	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)
Potassium dichromate	231-906-6	7778-50-9	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)
Sodium chromate	231-889-5	7775-11-3	18/06/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18/06/2010	Toxic for reproduction (Article 57c)
Trichloroethylene	201-167-4	79-01-6	18/06/2010	Carcinogenic (Article 57a)
Acrylamide	201-173-7	79-06-1	30/03/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)
2,4-dinitrotoluene	204-450-0	121-14-2	13/01/2010	Carcinogenic (Article 57a)
Anthracene oil	292-602-7	90640-80-5	13/01/2010	Carcinogenic (Article 57a) PBT (Article 57 d) vPvB (Article 57 e)
Anthracene oil, anthracene paste	292-603-2	90640-81-6	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)
Anthracene oil, anthracene-low	292-604-8	90640-82-7	13/01/2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57 d) vPvB (Article 57 e)

Substance Name	EC Number	CAS Number	Date of inclusion	Reason for inclusion
Diisobutyl phthalate	201-553-2	84-69-5	13/01/2010	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)
Lead chromate	231-846-0	7758-97-6	13/01/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	13/01/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13/01/2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Pitch, coal tar, high-temp.	266-028-2	65996-93-2	13/01/2010	Carcinogenic (Article 57a) PBT (Article 57 d) vPvB (Article 57 e)
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	13/01/2010	Toxic for reproduction (Article 57c)
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28/10/2008	Carcinogenic (Article 57a)
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	28/10/2008	vPvB (Article 57 e)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28/10/2008	PBT (Article 57 d) vPvB (Article 57 e)
Anthracene	204-371-1	120-12-7	28/10/2008	PBT (Article 57 d)
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28/10/2008	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	28/10/2008	PBT (Article 57 d)
Triethyl arsenate	427-700-2	15606-95-8	28/10/2008	Carcinogenic (Article 57a)
Cobalt dichloride	231-589-4	7646-79-9	28/10/2008	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Diarsenic pentaoxide	215-116-9	1303-28-2	28/10/2008	Carcinogenic (Article 57a)
Diarsenic trioxide	215-481-4	1327-53-3	28/10/2008	Carcinogenic (Article 57a)
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28/10/2008	Toxic for reproduction (Article 57c)
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	-	-	28/10/2008	PBT (Article 57 d)
Hexabromocyclododecane	247-148-4	25637-99-4		
Gamma-hexabromocyclododecane	-	134237-52-8		
1,2,5,6,9,10-hexabromocyclododecane	221-695-9	3194-55-6		
Alpha-hexabromocyclododecane	-	134237-50-6		
Beta-hexabromocyclododecane	-	134237-51-7		
Lead hydrogen arsenate	232-064-2	7784-40-9	28/10/2008	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	28/10/2008	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28/10/2008	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)