

REACH / Substances of Very High Concern (SVHC) / PAH's / Bisphenol A and Phthalates / PBT's / RoH's Statement

Please be informed that our products do not contain Substances of Very High Concern (SVHC), Polycyclic Aromatic Hydrocarbons (PAHs), Bisphenol A (BPA) or Phthalates, and Persistence, Bioaccumulation and Toxicity Chemicals (PBT's) as indicated by ECHA for REACH, above relevant concentration limits (Status Echa Candidate List of 30th January 2023), see also

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

Although these substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities. However, based on information from our raw material suppliers we conclude that these traces are less than the Classification & Labelling related threshold values (generally being 1000 ppm).

Regarding the status of CLP (Classification , Labelling and Packaging of chemicals) please be informed that Safety Data Sheets do need to be updated under certain conditions. Those conditions do not apply to MacLellan Rubber (MRL) products. The current versions of the SDSs for MRL products are still valid. Please bear in mind that polymers are exempted from the obligation to register under REACH. For this reason you will also not receive a registration number or eSDS for our polymer products.

Please be informed that Use Description related to REACH is not relevant for MRL products since polymers themselves in general are exempted from the obligation to register with REACH; exposure assessment for making risk characterization and use description is not required.

If you are receiving products from other Companies please contact them for REACH information regarding their products. We would be pleased to help you if you have any further questions.

Further information on SVHC's can be found on page 3 onwards.

PBT - Persistence, Bioaccumulation and Toxic Substances

Annex XIII to the REACH Regulation sets criteria for substances that are persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

Under REACH, a PBT/vPvB assessment is required for all substances for which a chemical safety assessment is carried out. A chemical safety assessment is required for substances manufactured or imported in amounts of 10 tonnes or more per year, unless exemptions apply.

Substances that have been assessed are detailed on ECHA's website [PBT assessment list - ECHA \(europa.eu\)](#)

Substances that have been assessed as hazardous to the environment and human health have been added to the REACH list and are covered by our original statement.

RoHS – Restriction of Hazardous Substances

To the best of our knowledge and following active examination of our supply chain all Materials supplied by Maclellan Rubber Ltd comply with Directive 2015/863 (**RoHS 3**), and the current list below:-

- **Lead (Pb):** < 1000 ppm
- **Mercury (Hg):** < 100 ppm
- **Cadmium (Cd):** < 100 ppm
- **Hexavalent Chromium: (Cr VI)** < 1000 ppm
- **Polybrominated Biphenyls (PBB):** < 1000 ppm
- **Polybrominated Diphenyl Ethers (PBDE):** < 1000 ppm
- **Bis(2-Ethylhexyl) phthalate (DEHP):** < 1000 ppm
- **Benzyl butyl phthalate (BBP):** < 1000 ppm
- **Dibutyl phthalate (DBP):** < 1000 ppm
- **Diisobutyl phthalate (DIBP):** < 1000 ppm

This declaration replaces all previous ones relating on this subject.



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>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</p>	473-390-7	-	17-Jan-2023	vPvB (Article 57e)	D(2022)9120-DC
<p>Perfluoroheptanoic acid and its salts Ammonium perfluoroheptanoate EC No.: 228-098-2 CAS No.: 6130-43-4 potassium perfluoroheptanoate EC No.: - CAS No.: 21049-36-5 Perfluoroheptanoic acid EC No.: 206-798-9 CAS No.: 375-85-9 Sodium perfluoroheptanoate EC No.: 243-518-4 CAS No.: 20109-59-5</p>	-	-	17-Jan-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)	D(2022)9120-DC
<p>Melamine</p>	203-615-4	108-78-1	17-Jan-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)	D(2022)9120-DC
<p>Isobutyl 4-hydroxybenzoate</p>	224-208-8	4247-02-3	17-Jan-2023	Endocrine disrupting properties (Article 57(f) - human health)	D(2022)9120-DC



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof</p> <p>Bis(2-ethylhexyl) tetrabromophthalate EC No.: 247-426-5 CAS No.: 26040-51-7</p>	-	-	17-Jan-2023	vPvB (Article 57e)	D(2022)9120-DC
Barium diboron tetraoxide	237-222-4	13701-59-2	17-Jan-2023	Toxic for reproduction (Article 57c)	D(2022)9120-DC
4,4'-sulphonyldiphenol	201-250-5	80-09-1	17-Jan-2023	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)	D(2022)9120-DC
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	17-Jan-2023	Carcinogenic (Article 57a)	D(2022)9120-DC
1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	17-Jan-2023	vPvB (Article 57e)	D(2022)9120-DC
N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	10-Jun-2022	Carcinogenic (Article 57a) Mutagenic (Article 57b)	D(2022)4187-DC
tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	17-Jan-2022	Toxic for reproduction (Article 57c)	D(2021)10043-DC
<p>S-(tricyclo(5.2.1.0².6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate</p> <p>X4261</p>	401-850-9	255881-94-8	17-Jan-2022	PBT (Article 57d)	D(2021)10043-DC



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	17-Jan-2022	Toxic for reproduction (Article 57c)	D(2021)10043-DC
<p>(±)-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)</p> <p>(±)-1,7,7-trimethyl-3-(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one EC No.: 253-242-6 CAS No.: 36861-47-9</p> <p>(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 1782069-81-1</p> <p>(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 95342-41-9</p> <p>(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-30-1</p> <p>(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-21-0</p> <p>(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 741687-98-9</p> <p>(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-25-4</p>	-	-	17-Jan-2022	Endocrine disrupting properties (Article 57(f) - human health)	D(2021)10043-DC
Phenol, alkylation products (mainly in para position) with C12-rich branched	-	-	08-Jul-2021	Toxic for reproduction (Article 57c)	D(2021)4569-DC



Substance name	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
expand / collapse					
<p>alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)</p> <p>Phenol, dodecyl-, branched EC No.: 310-154-3 CAS No.: 121158-58-5</p> <p>Phenol, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7</p> <p>Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7</p> <p>4-isododecylphenol EC No.: - CAS No.: 27459-10-5</p> <p>Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1</p> <p>Phenol, 4-dodecyl, branched EC No.: - CAS No.: 210555-94-5</p>				<p>Endocrine disrupting properties (Article 57(f) - environment)</p> <p>Endocrine disrupting properties (Article 57(f) - human health)</p>	
<p>orthoboric acid, sodium salt</p> <p>Boric acid, sodium salt EC No.: 215-604-1 CAS No.: 1333-73-9</p> <p>Orthoboric acid, sodium salt EC No.: 237-560-2 CAS No.: 13840-56-7</p> <p>boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5</p> <p>boric acid (H3BO3), sodium salt (1:1) EC No.: - CAS No.: 14890-53-0</p> <p>Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2</p> <p>Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4</p>	-	-	08-Jul-2021	Toxic for reproduction (Article 57c)	D(2021)4569-DC



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>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</p> <p>Alkanes, C14-17, chloro EC No.: 287-477-0 CAS No.: 85535-85-9</p> <p>di-, tri- and tetrachlorotetradecane EC No.: - CAS No.: -</p> <p>Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2</p> <p>Alkanes, C14-16, chloro EC No.: - CAS No.: 1372804-76-6</p>	-	-	08-Jul-2021	PBT (Article 57d) vPvB (Article 57e)	D(2021)4569-DC
<p>glutaral</p>	203-856-5	111-30-8	08-Jul-2021	Respiratory sensitising properties (Article 57(f) - human health)	D(2021)4569-DC
<p>4,4'-(1-methylpropylidene)bisphenol</p>	201-025-1	77-40-7	08-Jul-2021	Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)	D(2021)4569-DC
<p>2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers (2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-31-3</p> <p>2-(4-tert-butylbenzyl)propionaldehyde EC No.: 201-289-8 CAS No.: 80-54-6</p> <p>(2S)-3-(4-tert-butylphenyl)-2-</p>	-	-	08-Jul-2021	Toxic for reproduction (Article 57c)	D(2021)4569-DC.pdf



Substance name	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
expand / collapse					
methylpropanal EC No.: - CAS No.: 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) EC No.: 253-057-0 CAS No.: 36483-57-5	-	-	08-Jul-2021	Carcinogenic (Article 57a)	D(2021)4569-DC
2,3-dibromo-1-propanol (2,3-DBPA) EC No.: 202-480-9 CAS No.: 96-13-9					
2,2-bis(bromomethyl)propane-1,3-diol (BMP) EC No.: 221-967-7 CAS No.: 3296-90-0					
3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) EC No.: - CAS No.: 1522-92-5					
1,4-dioxane	204-661-8	123-91-1	08-Jul-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)	D(2021)4569-DC
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	-	-	19-Jan-2021	Toxic for reproduction (Article 57c)	D(2020)9139-DC



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>moiety</p> <p>Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648-39-4</p> <p>dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: - CAS No.: -</p> <p>Dioctyltin dilaurate EC No.: 222-883-3 CAS No.: 3648-18-8</p>					
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	19-Jan-2021	Toxic for reproduction (Article 57c)	D(2020)9139-DC
Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	25-Jun-2020	Toxic for reproduction (Article 57c)	D(2020)4578-DC
Butyl 4-hydroxybenzoate	202-318-7	94-26-8	25-Jun-2020	Endocrine disrupting properties (Article 57(f) - human health)	D(2020)4578-DC
2-methylimidazole	211-765-7	693-98-1	25-Jun-2020	Toxic for reproduction (Article 57c)	D(2020)4578-DC
1-vinylimidazole	214-012-0	1072-63-5	25-Jun-2020	Toxic for reproduction (Article 57c)	D(2020)4578-DC
<p>Perfluorobutane sulfonic acid (PFBS) and its salts</p> <p>Potassium 1,1,2,2,3,3,3,4,4,4-nonafluorobutane-1-sulphonate EC No.: 249-616-3 CAS No.: 29420-49-3</p> <p>1,1,2,2,3,3,3,4,4,4-nonafluorobutane-1-sulphonic acid EC No.: 206-793-1 CAS No.: 375-73-5</p> <p>bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate EC No.: 432-660-4 </p>	-	-	16-Jan-2020	<p>Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)</p> <p>Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)</p>	ECHA_01_2020.pdf



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>CAS No.: 194999-85-4</p> <p>tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate EC No.: 444-440-5 CAS No.: 220689-12-3</p> <p>dimethyl(phenyl)sulfanium perfluorobutanesulfonate EC No.: 452-310-4 CAS No.: 220133-51-7</p> <p>Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate EC No.: 269-513-7 CAS No.: 68259-10-9</p> <p>Triphenylsulfanium perfluorobutane sulfonate EC No.: 478-340-8 CAS No.: 144317-44-2</p> <p>N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate EC No.: - CAS No.: 25628-08-4</p> <p>magnesium perfluorobutanesulfonate EC No.: - CAS No.: 507453-86-3</p> <p>lithium perfluorobutanesulfonate EC No.: - CAS No.: 131651-65-5</p> <p>morpholinium perfluorobutanesulfonate EC No.: - CAS No.: 503155-89-3</p> <p>1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate EC No.: 468-770-4 CAS No.: -</p>					
<p>Diisohexyl phthalate</p>	276-090-2	71850-09-4	16-Jan-2020	Toxic for reproduction (Article 57c)	ECHA_01_2020.pdf
<p>2-methyl-1-(4-methylthiophenyl)-2-</p>	400-600-6	71868-10-5	16-Jan-2020	Toxic for reproduction	ECHA_01_2020.pdf



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
morpholinopropan-1-one ACETOCURE 97; GENOCURE*PMP; IGM 4817; IRGACURE 907; SPEEDCURE 97				(Article 57c)	
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone CG 25-369; IRGACURE 369; TK 11-319	404-360-3	119313-12-1	16-Jan-2020	Toxic for reproduction (Article 57c)	ECHA_01_2020.pdf
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) Phenol, 4-nonyl-, phosphite (3:1) EC No.: - CAS No.: 3050-88-2 tris(nonylphenyl) phosphite EC No.: 247-759-6 CAS No.: 26523-78-4 tris(4-nonylphenyl, branched) phosphite EC No.: - CAS No.: - Phenol, p-isononyl-, phosphite (3:1) EC No.: - CAS No.: 31631-13-7 Phenol, p-sec-nonyl-, phosphite EC No.: - CAS No.: 106599-06-8	-	-	16-Jul-2019	Endocrine disrupting properties (Article 57(f) - environment)	ED/71/2019
4-tert-butylphenol	202-679-0	98-54-4	16-Jul-2019	Endocrine disrupting properties (Article 57(f) - environment)	ED/71/2019 EU/2019/1194
2-methoxyethyl acetate	203-772-9	110-49-6	16-Jul-2019	Toxic for reproduction (Article 57c)	ED/71/2019
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	16-Jul-2019	Equivalent level of concern having probable serious effects to human health	ED/71/2019



Substance name	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
expand / collapse					
<p>covering any of their individual isomers and combinations thereof</p> <p>potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate EC No.: 266-578-3 CAS No.: 67118-55-2</p> <p>ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate EC No.: - CAS No.: 62037-80-3</p> <p>2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride EC No.: 218-173-8 CAS No.: 2062-98-8</p> <p>2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid EC No.: 236-236-8 CAS No.: 13252-13-6</p> <p>Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)- EC No.: - CAS No.: 75579-39-4</p> <p>Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)- EC No.: - CAS No.: 75579-40-7</p>				<p>(Article 57(f) - human health)</p> <p>Equivalent level of concern having probable serious effects to the environment</p> <p>(Article 57(f) - environment)</p>	
Pyrene	204-927-3	129-00-0	15-Jan-2019	PBT (Article 57d) vPvB (Article 57e)	ED/88/2018
Phenanthrene	201-581-5	85-01-8	15-Jan-2019	vPvB (Article 57e)	ED/88/2018
Fluoranthene	205-912-4	206-44-0	15-Jan-2019	PBT (Article 57d) vPvB (Article 57e)	ED/88/2018
Benzo[k]fluoranthene	205-916-6	207-08-9	15-Jan-2019	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	ED/88/2018



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
2,2-bis(4'-hydroxyphenyl)-4-methylpentane AP-5	401-720-1	6807-17-6	15-Jan-2019	Toxic for reproduction (Article 57c)	ED/88/2018
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-Jan-2019	Endocrine disrupting properties (Article 57(f) - environment)	ED/88/2018 EU/2018/2013
Terphenyl, hydrogenated	262-967-7	61788-32-7	27-Jun-2018	vPvB (Article 57e)	ED/61/2018
Octamethylcyclotetrasiloxane D4	209-136-7	556-67-2	27-Jun-2018	PBT (Article 57d) vPvB (Article 57e)	ED/61/2018
Lead	231-100-4	7439-92-1	27-Jun-2018	Toxic for reproduction (Article 57c)	ED/61/2018
Ethylenediamine EDA	203-468-6	107-15-3	27-Jun-2018	Respiratory sensitising properties (Article 57(f) - human health)	ED/61/2018
Dodecamethylcyclohexasiloxane D6	208-762-8	540-97-6	27-Jun-2018	PBT (Article 57d) vPvB (Article 57e)	ED/61/2018
Disodium octaborate	234-541-0	12008-41-2	27-Jun-2018	Toxic for reproduction (Article 57c)	ED/61/2018
Dicyclohexyl phthalate DCHP	201-545-9	84-61-7	27-Jun-2018	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	EU/2018/636 ED/61/2018
Decamethylcyclopentasiloxane D5	208-764-9	541-02-6	27-Jun-2018	PBT (Article 57d) vPvB (Article 57e)	ED/61/2018



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Benzo[ghi]perylene	205-883-8	191-24-2	27-Jun-2018	PBT (Article 57d) vPvB (Article 57e)	ED/61/2018
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride <small>trimellitic anhydride; TMA</small>	209-008-0	552-30-7	27-Jun-2018	Respiratory sensitising properties (Article 57(f) - human health)	ED/61/2018 EU/2018/594
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) <small>with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)</small> Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. EC No.: - CAS No.: 1471311-26-8 Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine EC No.: 300-298-5 CAS No.: 93925-00-9	-	-	15-Jan-2018	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2018
Chrysene	205-923-4	218-01-9	15-Jan-2018	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	ED/01/2018
Cadmium nitrate	233-710-6	10325-94-7	15-Jan-2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/01/2018
Cadmium hydroxide	244-168-5	21041-95-2	15-Jan-2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ	ED/01/2018



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
				toxicity after repeated exposure (Article 57(f) - human health)	
Cadmium carbonate	208-168-9	513-78-0	15-Jan-2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/01/2018
Benz[a]anthracene	200-280-6	56-55-3	15-Jan-2018	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	ED/01/2018
<p>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”™) covering any of its individual anti- and syn-isomers or any combination thereof (1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1⁶,9⁰²,13⁰⁵,10]octadeca-7,15-diene EC No.: - CAS No.: 135821-03-3</p> <p>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 EC No.: 236-948-9 CAS No.: 13560-89-9</p> <p>(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1⁶,9⁰²,13⁰⁵,10]octadeca-7,15-diene EC No.: - CAS No.: 135821-74-8</p> <p>rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-</p>	-	-	15-Jan-2018	vPvB (Article 57e)	ED/01/2018



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene EC No.: - CAS No.: -</p> <p>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 EC No.: - CAS No.: -</p>					
<p>Perfluorohexane-1-sulphonic acid and its salts PFH_xS</p> <p>perfluorohexane-1-sulphonic acid EC No.: 206-587-1 CAS No.: 355-46-4</p> <p>ammonium perfluorohexane-1-sulphonate EC No.: 269-511-6 CAS No.: 68259-08-5</p> <p>tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) EC No.: 274-462-9 CAS No.: 70225-16-0</p> <p>potassium perfluorohexane-1-sulphonate EC No.: 223-393-2 CAS No.: 3871-99-6</p> <p>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) EC No.: - CAS No.: 1310480-24-0</p> <p>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) EC No.: - </p>	-	-	07-Jul-2017	vPvB (Article 57e)	ED/30/2017



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>CAS No.: 1310480-27-3</p> <p>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) EC No.: - CAS No.: 1310480-28-4</p> <p>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) EC No.: - CAS No.: 1329995-45-0</p> <p>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) EC No.: - CAS No.: 1329995-69-8</p> <p>Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 144116-10-9</p> <p>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) EC No.: - CAS No.: 1462414-59-0</p> <p>Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 153443-35-7</p> <p>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) EC No.: - CAS No.: 189274-31-5</p> <p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-</p>					



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1) EC No.: - CAS No.: 202189-84-2</p>					
<p>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) EC No.: - CAS No.: 213740-81-9</p>					
<p>Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 341548-85-4</p>					
<p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1) EC No.: - CAS No.: 350836-93-0</p>					
<p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1) EC No.: - CAS No.: 41184-65-0</p>					
<p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1) EC No.: - CAS No.: 41242-12-0</p>					
<p>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) EC No.: - CAS No.: 421555-73-9</p>					
<p>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 EC No.: - CAS No.: 421555-74-0</p>					
<p>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) EC No.: - CAS No.: 425670-70-8</p>					



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1) EC No.: - CAS No.: 55120-77-9</p>					
<p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt EC No.: - CAS No.: 70136-72-0</p>					
<p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1) EC No.: - CAS No.: 72033-41-1</p>					
<p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt EC No.: - CAS No.: 82382-12-5</p>					
<p>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) EC No.: - CAS No.: 866621-50-3</p>					
<p>Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 910606-39-2</p>					
<p>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) EC No.: - CAS No.: 911027-68-4</p>					
<p>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^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-</p>					



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>3-furanyl 2-methyl-2-propenoate EC No.: - CAS No.: 911027-69-5</p> <p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) EC No.: - CAS No.: 92011-17-1</p> <p>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) EC No.: - CAS No.: 928049-42-7</p> <p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) EC No.: - CAS No.: 1187817-57-7</p> <p>N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate EC No.: - CAS No.: 108427-55-0</p> <p>N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate EC No.: - CAS No.: 108427-54-9</p> <p>Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 1000597-52-3</p> <p>1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI) EC No.: - CAS No.: 341035-71-0</p>					
<p>p-(1,1-dimethylpropyl)phenol</p>	201-280-9	80-46-6	12-Jan-2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts</p> <p>Nonadecafluorodecanoic acid EC No.: 206-400-3 CAS No.: 335-76-2</p> <p>sodium nonadecafluorodecanoate EC No.: - CAS No.: 3830-45-3</p> <p>Ammonium nonadecafluorodecanoate EC No.: 221-470-5 CAS No.: 3108-42-7</p>	-	-	12-Jan-2017	Toxic for reproduction (Article 57c) PBT (Article 57d)	ED/01/2017
<p>4-heptylphenol, branched and linear</p> <p>substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof</p> <p>4-heptylphenol EC No.: 217-862-0 CAS No.: 1987-50-4</p> <p>Phenol, heptyl derivs. EC No.: 276-743-1 CAS No.: 72624-02-3</p> <p>4-(3-ethylpentan-3-yl)phenol EC No.: - CAS No.: 37872-24-5</p> <p>4-(2-methylhexan-2-yl)phenol EC No.: - CAS No.: 30784-31-7</p> <p>4-(3,3-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 911371-06-7</p> <p>4-(3-methylhexan-2-yl)phenol EC No.: - CAS No.: 854904-93-1</p> <p>4-(4,4-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 911371-07-8</p> <p>4-(4-methylhexan-2-yl)phenol EC No.: - CAS</p>	-	-	12-Jan-2017	Endocrine disrupting properties (Article 57(f) - environment)	ED/01/2017

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>No.: 71945-81-8</p> <p>4-(5-methylhexan-2-yl)phenol EC No.: - CAS No.: 857629-71-1</p> <p>4-(2,2-dimethylpentan-3-yl)phenol EC No.: - CAS No.: 861010-65-3</p> <p>Phenol, 4-(1-ethyl-1,2-dimethylpropyl)- EC No.: - CAS No.: 30784-27-1</p> <p>4-(heptan-3-yl)phenol EC No.: - CAS No.: 6465-74-3</p> <p>4-(heptan-2-yl)phenol EC No.: - CAS No.: 6863-24-7</p> <p>4-(heptan-4-yl)phenol EC No.: - CAS No.: 6465-71-0</p> <p>4-(3-ethylpentyl)phenol EC No.: - CAS No.: 911370-98-4</p> <p>4-(3-methylhexyl)phenol EC No.: - CAS No.: 102570-52-5</p> <p>4-(4-methylhexyl)phenol EC No.: - CAS No.: 1139800-98-8</p> <p>4-(5-methylhexyl)phenol EC No.: - CAS No.: 100532-36-3</p> <p>4-(2,4-dimethylpentan-3-yl)phenol EC No.: - CAS No.: 1824346-00-0</p> <p>Phenol, 4-tert-heptyl- EC No.: - CAS No.: 288864-02-8</p> <p>4-(2,3-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 861011-60-1</p> <p>4-(3-methylhexan-3-yl)phenol EC No.: - CAS</p>					



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>No.: 30784-32-8</p> <p>4-(2,4-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 33104-11-9</p> <p>4-(2,3,3-trimethylbutan-2-yl)phenol EC No.: - CAS No.: 72861-06-4</p> <p>4-(5-methylhexan-3-yl)phenol EC No.: - CAS No.: 854904-92-0</p>					
<p>4,4'-isopropylidenediphenol Bisphenol A; BPA</p>	201-245-8	80-05-7	12-Jan-2017	<p>Toxic for reproduction (Article 57c)</p> <p>Endocrine disrupting properties (Article 57(f) - environment)</p> <p>Endocrine disrupting properties (Article 57(f) - human health)</p>	<p>ED/30/2017</p> <p>ED/01/2017</p> <p>ED 01/2018</p>
<p>Benzo[def]chrysene (Benzo[a]pyrene)</p>	200-028-5	50-32-8	20-Jun-2016	<p>Carcinogenic (Article 57a)</p> <p>Mutagenic (Article 57b)</p> <p>Toxic for reproduction (Article 57c)</p> <p>PBT (Article 57d)</p> <p>vPvB (Article 57e)</p>	<p>ED/21/2016</p>
<p>Perfluorononan-1-oic-acid and its sodium and ammonium salts</p> <p>Perfluorononan-1-oic-acid EC No.: 206-801-3 CAS No.: 375-95-1</p> <p>Sodium salts of perfluorononan-1-oic-acid EC No.: - CAS No.: 21049-39-8</p> <p>Ammonium salts of perfluorononan-1-oic-acid EC No.: - CAS No.: 4149-60-4</p>	-	-	17-Dec-2015	<p>Toxic for reproduction (Article 57c)</p> <p>PBT (Article 57d)</p>	<p>ED/79/2015</p>



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Nitrobenzene	202-716-0	98-95-3	17-Dec-2015	Toxic for reproduction (Article 57c)	ED/79/2015
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17-Dec-2015	vPvB (Article 57e)	ED/79/2015
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17-Dec-2015	vPvB (Article 57e)	ED/79/2015
1,3-propanesultone	214-317-9	1120-71-4	17-Dec-2015	Carcinogenic (Article 57a)	ED/79/2015
<p>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]</p> <p>covering any of the individual stereoisomers of [1] and [2] or any combination thereof</p> <p>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 EC No.: - CAS No.: -</p> <p>1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- EC No.: - CAS No.: 676367-06-9</p> <p>5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC No.: - CAS No.: -</p> <p>Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-</p>	-	-	15-Jun-2015	vPvB (Article 57e)	ED/39/2015



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC No.: 413-720-9 CAS No.: -</p> <p>1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)- EC No.: - CAS No.: 117933-89-8</p> <p>1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)- EC No.: - CAS No.: 186309-28-4</p> <p>1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- EC No.: - CAS No.: 676367-05-8</p> <p>1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel- EC No.: - CAS No.: 343934-04-3</p> <p>1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- EC No.: - CAS No.: 676367-09-2</p> <p>1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel- EC No.: - CAS No.: 343934-05-4</p> <p>1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- EC No.: - CAS No.: 676367-04-7</p> <p>1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- EC No.: - CAS No.: 676367-08-1</p> <p>1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- EC No.: - CAS No.: 676367-03-6</p> <p>1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-</p>					



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- EC No.: - CAS No.: 676367-07-0</p> <p>1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- EC No.: - CAS No.: 676367-02-5</p> <p>5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC No.: - CAS No.: -</p>					
<p>1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)</p> <p>1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters EC No.: 272-013-1 CAS No.: 68648-93-1</p> <p>1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters EC No.: 271-094-0 CAS No.: 68515-51-5</p>	-	-	15-Jun-2015	Toxic for reproduction (Article 57c)	ED/39/2015
<p>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)</p>	-	-	17-Dec-2014	Toxic for reproduction (Article 57c)	ED/108/2014
<p>Cadmium sulphate</p>	233-331-6	10124-36-4, 31119-53-6	17-Dec-2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated	ED/108/2014



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
				exposure (Article 57(f) - human health)	
Cadmium fluoride	232-222-0	7790-79-6	17-Dec-2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/108/2014
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17-Dec-2014	Toxic for reproduction (Article 57c)	ED/108/2014
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17-Dec-2014	PBT (Article 57d) vPvB (Article 57e)	ED/108/2014
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17-Dec-2014	PBT (Article 57d) vPvB (Article 57e)	ED/108/2014
Sodium peroxometaborate	231-556-4	7632-04-4	16-Jun-2014	Toxic for reproduction (Article 57c)	ED/49/2014
Sodium perborate, perboric acid, sodium salt Perboric acid, sodium salt, tetrahydrate () EC No.: - CAS No.: 37244-98-7 Perboric acid (HBO(O₂)), sodium salt, tetrahydrate EC No.: - CAS No.: 10486-00-7 Sodium perborate monohydrate EC No.: - CAS No.: 10332-33-9 Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6) EC No.: -	-	-	16-Jun-2014	Toxic for reproduction (Article 57c)	ED/49/2014



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p> CAS No.: 125022-34-6</p> <p>Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2) EC No.: - CAS No.: 90568-23-3</p> <p>Perboric acid, sodium salt EC No.: 234-390-0 CAS No.: 11138-47-9</p> <p>Perboric acid (H3BO2(O2)), monosodium salt, trihydrate EC No.: - CAS No.: 13517-20-9</p> <p>Sodium perborate EC No.: 239-172-9 CAS No.: 15120-21-5</p>					
<p>Cadmium chloride</p>	233-296-7	10108-64-2	16-Jun-2014	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/49/2014
<p>1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear</p>	271-093-5	68515-50-4	16-Jun-2014	Toxic for reproduction (Article 57c)	ED/49/2014
<p>Trixylyl phosphate</p>	246-677-8	25155-23-1	16-Dec-2013	Toxic for reproduction (Article 57c)	ED/121/2013
<p>Lead di(acetate)</p>	206-104-4	301-04-2	16-Dec-2013	Toxic for reproduction (Article 57c)	ED/121/2013
<p>Imidazolidine-2-thione (2-imidazoline-2-thiol)</p>	202-506-9	96-45-7	16-Dec-2013	Toxic for reproduction (Article 57c)	ED/121/2013
<p>Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-</p>	217-710-3	1937-37-7	16-Dec-2013	Carcinogenic (Article 57a)	ED/121/2013



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)					
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-Dec-2013	Carcinogenic (Article 57a)	ED/121/2013
Dihexyl phthalate	201-559-5	84-75-3	16-Dec-2013	Toxic for reproduction (Article 57c)	ED/121/2013
Cadmium sulphide	215-147-8	1306-23-6	16-Dec-2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/121/2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20-Jun-2013	Toxic for reproduction (Article 57c) PBT (Article 57d)	ED/69/2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20-Jun-2013	Toxic for reproduction (Article 57c)	ED/69/2013
Cadmium oxide	215-146-2	1306-19-0	20-Jun-2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/69/2013
Cadmium	231-152-8	7440-43-9	20-Jun-2013	Carcinogenic (Article 57a) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	ED/69/2013



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20-Jun-2013	Toxic for reproduction (Article 57c) PBT (Article 57d)	ED/69/2013
<p>4-Nonylphenol, branched and linear, ethoxylated</p> <p>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</p> <p>Nonylphenol, ethoxylated (8-EO) EC No.: - CAS No.: 9016-45-9</p> <p>Nonylphenol, ethoxylated (6,5-EO) EC No.: - CAS No.: 9016-45-9</p> <p>4-Nonylphenol, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-045-0 CAS No.: 26027-38-3</p> <p>Nonylphenol, ethoxylated EC No.: 500-024-6 CAS No.: 9016-45-9</p> <p>26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaohexacosan -1-ol EC No.: - CAS No.: 14409-72-4</p> <p>2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol EC No.: 230-770-5 CAS No.: 7311-27-5</p> <p>Nonylphenol, ethoxylated (10-EO) EC No.: - CAS No.: 9016-45-9</p> <p>2-[2-(4-nonylphenoxy)ethoxy]ethanol EC</p>	-	-	20-Jun-2013	Endocrine disrupting properties (Article 57(f) - environment)	ED/69/2013



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>No.: 243-816-4 CAS No.: 20427-84-3</p> <p>Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched EC No.: - CAS No.: 68412-54-4</p> <p>Poly (oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched EC No.: - CAS No.: 68412-54-4</p> <p>Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-209-1 CAS No.: 68412-54-4</p> <p>Nonylphenol, ethoxylated (15-EO) EC No.: - CAS No.: 9016-45-9</p> <p>20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 248-743-1 CAS No.: 27942-27-4</p> <p>29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol EC No.: 248-294-1 CAS No.: 27177-08-8</p> <p>2-(nonylphenoxy)ethanol EC No.: 248-762-5 CAS No.: 27986-36-3</p> <p>3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)- EC No.: - CAS No.: 27177-01-1</p> <p>3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)- EC No.: - CAS No.: 65455-72-3</p> <p>Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy- EC No.: - CAS No.: 9016-45-9</p> <p>4-Nonylphenol, branched, ethoxylated EC No.: - CAS No.: 127087-87-0</p> <p>Nonylphenolpolyglycoether EC No.: - CAS</p>					

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Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>No.: -</p> <p>2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol EC No.: - CAS No.: 1119449-37-4</p> <p>2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol EC No.: - CAS No.: 1119449-38-5</p> <p>Nonylphenol, ethoxylated (polymer) EC No.: - CAS No.: -</p> <p>Nonylphenol, ethoxylated (EO = 4) EC No.: - CAS No.: -</p> <p>Nonylphenol, ethoxylated (EO = 10) EC No.: - CAS No.: -</p> <p>2-(4-nonylphenoxy)ethanol EC No.: - CAS No.: 104-35-8</p> <p>4-t-Nonylphenol-diethoxylate EC No.: - CAS No.: 156609-10-8</p> <p>23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaotricosan-1-ol EC No.: 248-293-6 CAS No.: 27177-05-5</p> <p>20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 248-292-0 CAS No.: 27177-03-3</p> <p>2-[2-(nonylphenoxy)ethoxy]ethanol EC No.: 248-291-5 CAS No.: 27176-93-8</p> <p>26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaohexacosan-1-ol EC No.: 247-816-5 CAS No.: 26571-11-9</p> <p>14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-</p>					



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>1-ol EC No.: 247-555-7 CAS No.: 26264-02-8</p> <p>44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaoxatetracontanol EC No.: 260-678-0 CAS No.: 57321-10-5</p> <p>Isononylphenol, ethoxylated EC No.: - CAS No.: 37205-87-1</p> <p>17-(4-nonylphenoxy)-3,6,9,12,15-pentaohaheptadecan-1-ol EC No.: - CAS No.: 34166-38-6</p> <p>4-Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-315-8 CAS No.: 127087-87-0</p> <p>3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched EC No.: 293-926-1 CAS No.: 91648-64-5</p> <p>2-(isononylphenoxy)ethanol EC No.: 284-987-5 CAS No.: 85005-55-6</p> <p>3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)- EC No.: - CAS No.: 20636-48-0</p> <p>26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaohexacosan-1-ol EC No.: 255-695-5 CAS No.: 42173-90-0</p> <p>20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 265-785-6 CAS No.: 65455-69-8</p>					
<p>Trilead dioxide phosphonate</p>	235-252-2	12141-20-7	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
<p>Trilead bis(carbonate) dihydroxide</p>	215-290-6	1319-46-6	19-Dec-2012	Toxic for reproduction	ED/169/2012



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
				(Article 57c)	
Tricosfluorododecanoic acid	206-203-2	307-55-1	19-Dec-2012	vPvB (Article 57e)	ED/169/2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Tetraethyllead	201-075-4	78-00-2	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Silicic acid, lead salt	234-363-3	11120-22-2	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-doped with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD),the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008	272-271-5	68784-75-8	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Pyrochlore, antimony lead yellow -	232-382-1	8012-00-8	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	19-Dec-2012	vPvB (Article 57e)	ED/169/2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
o-toluidine	202-429-0	95-53-4	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
o-aminoazotoluene	202-591-2	97-56-3	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
n-pentyl-isopentyl phthalate	-	776297-69-9	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
N-methylacetamide	201-182-6	79-16-3	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
N,N-dimethylformamide	200-679-5	68-12-2	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19-Dec-2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012
Methoxyacetic acid	210-894-6	625-45-6	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead titanium trioxide	235-038-9	12060-00-3	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead oxide sulfate	234-853-7	12036-76-9	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead dinitrate	233-245-9	10099-74-8	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Lead cyanamidate	244-073-9	20837-86-9	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Hexahydromethylphthalic anhydride including cis- and trans- stereo isomeric forms and all possible combinations of the isomers Hexahydro-1-methylphthalic anhydride EC No.: 256-356-4 CAS No.: 48122-14-1 Hexahydro-4-methylphthalic anhydride EC No.: 243-072-0 CAS No.: 19438-60-9 Hexahydromethylphthalic anhydride EC No.: 247-094-1 CAS No.: 25550-51-0 Hexahydro-3-methylphthalic anhydride EC No.: 260-566-1 CAS No.: 57110-29-9	-	-	19-Dec-2012	Respiratory sensitising properties (Article 57(f) - human health)	ED/169/2012
Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	19-Dec-2012	vPvB (Article 57e)	ED/169/2012
Henicosfluoroundecanoic acid	218-165-4	2058-94-8	19-Dec-2012	vPvB (Article 57e)	ED/169/2012
Furan	203-727-3	110-00-9	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Dimethyl sulphate	201-058-1	77-78-1	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
Diisopentyl phthalate	210-088-4	605-50-5	19-Dec-2012	Toxic for reproduction	ED/169/2012



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
				(Article 57c)	
Diethyl sulphate	200-589-6	64-67-5	19-Dec-2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	19-Dec-2012	Respiratory sensitising properties (Article 57(f) - human health)	ED/169/2012
Cyclohexane-1,2-dicarboxylic anhydride all possible combinations of the cis- and trans-isomers Cyclohexane-1,2-dicarboxylic anhydride EC No.: 201-604-9 CAS No.: 85-42-7 trans-cyclohexane-1,2-dicarboxylic anhydride EC No.: 238-009-9 CAS No.: 14166-21-3 cis-cyclohexane-1,2-dicarboxylic anhydride EC No.: 236-086-3 CAS No.: 13149-00-3	-	-	19-Dec-2012	Respiratory sensitising properties (Article 57(f) - human health)	ED/169/2012
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	19-Dec-2012	PBT (Article 57d) vPvB (Article 57e)	ED/169/2012
Biphenyl-4-ylamine	202-177-1	92-67-1	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
<p>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</p> <p>Phenol, 4-nonyl-, branched EC No.: 284-325-5 CAS No.: 84852-15-3</p> <p>p-nonylphenol EC No.: 203-199-4 CAS No.: 104-40-5</p> <p>p-(1,1-dimethylheptyl)phenol EC No.: 250-339-5 CAS No.: 30784-30-6</p> <p>p-isononylphenol EC No.: 247-770-6 CAS No.: 26543-97-5</p> <p>p-(1-methyloctyl)phenol EC No.: 241-427-4 CAS No.: 17404-66-9</p> <p>4-(1-ethyl-1-methylhexyl)phenol EC No.: 257-907-1 CAS No.: 52427-13-1</p> <p>4-(1-Ethyl-1,3-dimethylpentyl)phenol EC No.: - CAS No.: 186825-36-5</p> <p>4-(1-Ethyl-1,4-dimethylpentyl)phenol EC No.: - CAS No.: 142731-63-3</p> <p>4-(3-ethylheptan-2-yl)phenol EC No.: - CAS No.: 186825-39-8</p> <p>Isononylphenol EC No.: 234-284-4 CAS No.: 11066-49-2</p> <p>Nonylphenol EC No.: 246-672-0 CAS No.: 25154-52-3</p> <p>4-(1,1,5-Trimethylhexyl)phenol EC No.: - CAS</p>	-	-	19-Dec-2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012



Substance name expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
No.: 521947-27-3 Phenol, nonyl-, branched EC No.: 291-844-0 CAS No.: 90481-04-2					
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
4-aminoazobenzene	200-453-6	60-09-3	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether EC No.: - CAS No.: 9002-93-1 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol EC No.: - CAS No.: 2315-61-9 20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 219-682-8 CAS No.: 2497-59-8 Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- EC No.: - CAS No.: 9036-19-5 2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol EC No.: - CAS No.: 2315-67-5	-	-	19-Dec-2012	Endocrine disrupting properties (Article 57(f) - environment)	ED/169/2012
4,4'-oxydianiline and its salts 4,4'-oxydianiline EC No.: 202-977-0 CAS No.: 101-80-4	-	-	19-Dec-2012	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/169/2012



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
4,4'-methylene-di-o-toluidine	212-658-8	838-88-0	19-Dec-2012	Carcinogenic (Article 57a)	ED/169/2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine ZOLDINE MS-PLUS	421-150-7	143860-04-2	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
1,2-diethoxyethane	211-076-1	629-14-1	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19-Dec-2012	Toxic for reproduction (Article 57c)	ED/169/2012
α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	229-851-8	6786-83-0	18-Jun-2012	Carcinogenic (Article 57a)	ED/87/2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18-Jun-2012	Carcinogenic (Article 57a)	ED/87/2012
Lead(II) bis(methanesulfonate) -	401-750-5	17570-76-2	18-Jun-2012	Toxic for reproduction (Article 57c)	ED/87/2012
Formamide	200-842-0	75-12-7	18-Jun-2012	Toxic for reproduction (Article 57c)	ED/87/2012
Diboron trioxide	215-125-8	1303-86-2	18-Jun-2012	Toxic for reproduction (Article 57c)	ED/87/2012
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexane	219-943-6	2580-56-5	18-Jun-2012	Carcinogenic (Article 57a)	ED/87/2012



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
exa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)					
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	208-953-6	548-62-9	18-Jun-2012	Carcinogenic (Article 57a)	ED/87/2012
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18-Jun-2012	Carcinogenic (Article 57a)	ED/87/2012
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with $\geq 0.1\%$ 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-Jun-2012	Carcinogenic (Article 57a)	ED/87/2012
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-Jun-2012	Mutagenic (Article 57b)	ED/87/2012
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	18-Jun-2012	Mutagenic (Article 57b)	ED/87/2012
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	18-Jun-2012	Toxic for reproduction (Article 57c)	ED/87/2012
1, 2-dimethoxyethane; ethylene glycol	203-794-9	110-71-4	18-Jun-2012	Toxic for reproduction	ED/87/2012



Substance name	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
expand / collapse					
dimethyl ether (EGDME)				(Article 57c)	
<p>Zirconia Aluminosilicate Refractory Ceramic Fibres</p> <p>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight</p> <p>Refractories, fibers, aluminosilicate EC No.: - CAS No.: 142844-00-6</p>	-	-	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011 ED/95/2012
Trilead diarsenate	222-979-5	3687-31-8	19-Dec-2011	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/77/2011
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
Phenolphthalein	201-004-7	77-09-8	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
N,N-dimethylacetamide	204-826-4	127-19-5	19-Dec-2011	Toxic for reproduction	ED/77/2011



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
				(Article 57c)	
Lead styphnate	239-290-0	15245-44-0	19-Dec-2011	Toxic for reproduction (Article 57c)	ED/77/2011
Lead dipicrate	229-335-2	6477-64-1	19-Dec-2011	Toxic for reproduction (Article 57c)	ED/77/2011
Lead diazide, Lead azide	236-542-1	13424-46-9	19-Dec-2011	Toxic for reproduction (Article 57c)	ED/77/2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
Dichromium tris(chromate)	246-356-2	24613-89-6	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
Calcium arsenate	231-904-5	7778-44-1	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19-Dec-2011	Toxic for reproduction (Article 57c)	ED/77/2011
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19-Dec-2011	Toxic for reproduction (Article 57c)	ED/77/2011
Arsenic acid	231-901-9	7778-39-4	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
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	-	-	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011 ED/95/2012



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight Refractories, fibers, aluminosilicate EC No.: - CAS No.: 142844-00-6					
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	19-Dec-2011	Endocrine disrupting properties (Article 57(f) - environment)	ED/77/2011
2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
1,2-dichloroethane	203-458-1	107-06-2	19-Dec-2011	Carcinogenic (Article 57a)	ED/77/2011
Strontium chromate	232-142-6	7789-06-2	20-Jun-2011	Carcinogenic (Article 57a)	ED/31/2011
Hydrazine	206-114-9	302-01-2, 7803-57-8	20-Jun-2011	Carcinogenic (Article 57a)	ED/31/2011
2-ethoxyethyl acetate	203-839-2	111-15-9	20-Jun-2011	Toxic for reproduction (Article 57c)	ED/31/2011
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	20-Jun-2011	Toxic for reproduction (Article 57c)	ED/31/2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	20-Jun-2011	Toxic for reproduction (Article 57c)	ED/31/2011
1,2-Benzenedicarboxylic acid, di-C6-8-	276-158-1	71888-89-6	20-Jun-2011	Toxic for reproduction	ED/31/2011



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
branched alkyl esters, C7-rich				(Article 57c)	
1,2,3-trichloropropane	202-486-1	96-18-4	20-Jun-2011	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/31/2011
Cobalt(II) sulphate	233-334-2	10124-43-3	15-Dec-2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	15-Dec-2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010
Cobalt(II) diacetate	200-755-8	71-48-7	15-Dec-2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010
Cobalt(II) carbonate	208-169-4	513-79-1	15-Dec-2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/95/2010
Chromium trioxide	215-607-8	1333-82-0	15-Dec-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/95/2010
Acids generated from chromium trioxide and their oligomers Dichromic acid EC No.: 236-881-5 CAS No.: 13530-68-2 Oligomers of chromic acid and dichromic acid EC No.: - CAS No.: - Chromic acid EC No.: 231-801-5 CAS No.: 7738-94-5	-	-	15-Dec-2010	Carcinogenic (Article 57a)	ED/95/2010
2-methoxyethanol	203-713-7	109-86-4	15-Dec-2010	Toxic for reproduction	ED/95/2010



Substance name	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
expand / collapse				(Article 57c)	
2-ethoxyethanol	203-804-1	110-80-5	15-Dec-2010	Toxic for reproduction (Article 57c)	ED/95/2010
Trichloroethylene	201-167-4	79-01-6	18-Jun-2010	Carcinogenic (Article 57a)	ED/30/2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18-Jun-2010	Toxic for reproduction (Article 57c)	ED/30/2010
Sodium chromate	231-889-5	7775-11-3	1		
expand / collapse	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Potassium dichromate	231-906-6	7778-50-9	18-Jun-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/30/2010
Potassium chromate	232-140-5	7789-00-6	18-Jun-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/30/2010
Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	18-Jun-2010	Toxic for reproduction (Article 57c)	ED/30/2010
Boric acid EC No. 233-139-2 and EC No. 234-343-4 Boric acid, crude natural EC No.: 234-343-4 CAS No.: 11113-50-1 Boric acid EC No.: 233-139-2 CAS No.: 10043-35-3	-	-	18-Jun-2010	Toxic for reproduction (Article 57c)	ED/30/2010
Ammonium dichromate	232-143-1	7789-09-5	18-Jun-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/30/2010



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Acrylamide	201-173-7	79-06-1	30-Mar-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b)	ED/68/2009
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	13-Jan-2010	Toxic for reproduction (Article 57c)	ED/68/2009
Pitch, coal tar, high-temp. -	266-028-2	65996-93-2	13-Jan-2010	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	ED/68/2009
Lead sulfochromate yellow (C.I. Pigment Yellow 34) -	215-693-7	1344-37-2	13-Jan-2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/68/2009
Lead chromate molybdate sulphate red (C.I. Pigment Red 104) -	235-759-9	12656-85-8	13-Jan-2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/68/2009
Lead chromate	231-846-0	7758-97-6	13-Jan-2010	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/68/2009
Diisobutyl phthalate	201-553-2	84-69-5	13-Jan-2010	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	EU/2017/4462 ED/30/2017 ED/68/2009
Anthracene oil, anthracene-low -	292-604-8	90640-82-7	13-Jan-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57d) vPvB (Article 57e)	ED/68/2009
Anthracene oil, anthracene paste, distn. lights -	295-278-5	91995-17-4	13-Jan-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57d) vPvB (Article 57e)	ED/68/2009
Anthracene oil, anthracene paste, anthracene fraction -	295-275-9	91995-15-2	13-Jan-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57d) vPvB (Article 57e)	ED/68/2009



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Anthracene oil, anthracene paste -	292-603-2	90640-81-6	13-Jan-2010	Carcinogenic (Article 57a) Mutagenic (Article 57b) PBT (Article 57d) vPvB (Article 57e)	ED/68/2009
Anthracene oil -	292-602-7	90640-80-5	13-Jan-2010	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	ED/68/2009
2,4-dinitrotoluene	204-450-0	121-14-2	13-Jan-2010	Carcinogenic (Article 57a)	ED/68/2009
Triethyl arsenate -	427-700-2	15606-95-8	28-Oct-2008	Carcinogenic (Article 57a)	ED/67/2008
Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	28-Oct-2008	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c)	ED/67/2008
Lead hydrogen arsenate	232-064-2	7784-40-9	28-Oct-2008	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/67/2008
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified 1,2,5,6,9,10-hexabromocyclododecane EC No.: 221-695-9 CAS No.: 3194-55-6 Hexabromocyclododecane EC No.: 247-148- 4 CAS No.: 25637-99-4 alpha-hexabromocyclododecane EC No.: - CAS No.: 134237-50-6 beta-hexabromocyclododecane EC No.: - CAS No.: 134237-51-7 gamma-hexabromocyclododecane EC No.: - CAS No.: 134237-52-8	-	-	28-Oct-2008	PBT (Article 57d)	ED/67/2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28-Oct-2008	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	EU/2017/4462 ED/30/2017 ED/67/2008



Substance name <small>expand / collapse</small>	EC No.	CAS No.	Date of inclusion	Reason for inclusion	Decision
Diarsenic trioxide	215-481-4	1327-53-3	28-Oct-2008	Carcinogenic (Article 57a)	ED/67/2008
Diarsenic pentaoxide	215-116-9	1303-28-2	28-Oct-2008	Carcinogenic (Article 57a)	ED/67/2008
Cobalt dichloride	231-589-4	7646-79-9	28-Oct-2008	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)	ED/31/2011 ED/67/2008
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	28-Oct-2008	PBT (Article 57d)	ED/67/2008
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28-Oct-2008	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)	EU/2017/4462 ED/108/2014 ED/30/2017 ED/67/2008
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28-Oct-2008	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	EU/2017/4462 ED/30/2017 ED/67/2008
Anthracene	204-371-1	120-12-7	28-Oct-2008	PBT (Article 57d)	ED/67/2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28-Oct-2008	PBT (Article 57d) vPvB (Article 57e)	ED/67/2008
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	28-Oct-2008	vPvB (Article 57e)	ED/67/2008
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28-Oct-2008	Carcinogenic (Article 57a)	ED/67/2008