



Hanwha TotalEnergies Petrochemical Co., Ltd.
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Republic of Korea

February 5, 2026

EU REACH Regulation Compliance Letter

BJ5500

Dear Customer,

This statement is in response to your request whether our Product contains Substances of Very High Concern(SVHC) in view of Regulation 1907/2006/EC(REACH).

We hereby certify that no substances on **253 SVHC candidates** that ECHA published are present in the above identified Product of Hanwha TotalEnergies Petrochemical Co., Ltd. at levels above 0.1wt%.

We do not test the Product for these compounds, but to the best of our knowledge they are not contained more than 0.1wt%. We believe this information to be reasonably accurate and reliable as of this date provided, however, that it shall be your responsibility to make your own assessment and determination on the suitability of the Product for your particular application and use.

Should you have any question regarding the content of this letter, please do not hesitate to contact me.

Please find the contact point below:

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Sincerely yours,

Kwangyuel Lim
Team Leader
Polymer Development Team 2

※ Candidate List of Substances of Very High Concern (SVHC) for authorization

No	Substance Name	EC Number	CAS Number	Date of inclusion
253	n-hexane	203-777-6	110-54-3	2026-02-04
252	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and its salts 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (Bisphenol AF) EC No.: 216-036-7 CAS No.: 1478-61-1 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) EC No.: - CAS No.: - 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) EC No.: - CAS No.: - disodium 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenolate EC No.: 425-060-9 CAS No.: - Benzyltriphenylphosphonium, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1) EC No.: 278-305-5 CAS No.: 75768-65-9 Phosphonium, tributyl(2-methoxypropyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1) EC No.: 468-740-0 CAS No.: 126049-00-1 Reaction products of benzene, chlorine and sulfur chloride (S₂Cl₂) with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol EC No.: 469-080-6 CAS No.: 921213-47-0 benzyl(diethylamino)diphenylphosphonium 4-[1,1,1,3,3,3-hexafluoro-2-(4-hydroxyphenyl)propan-2-yl]phenolate EC No.: 479-100-5 CAS No.: 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 EC No.: 443-330-4 CAS No.: -	-	-	2026-02-04
251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)	284-366-9	84852-53-9	2025-11-05
250	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]diazenyl]-5-methoxyphenyl]diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51) substance having a complex composition with <80% of the above constituents and other reaction side	466-490-7	-	2025-06-25

No	Substance Name	EC Number	CAS Number	Date of inclusion
	products			
249	Decamethyltetrasiloxane	205-491-7	141-62-8	2025-06-25
248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	241-867-7	17928-28-8	2025-06-25
247	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	2025-01-21
246	Perfluamine	206-420-2	338-83-0	2025-01-21
245	Octamethyltrisiloxane	203-497-4	107-51-7	2025-01-21
244	O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0	2025-01-21
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	701-118-1	2156592-54-8	2025-01-21
242	Triphenyl phosphate	204-112-2	115-86-6	2024-11-07
241	Bis(α,α-dimethylbenzyl) peroxide	201-279-3	80-43-3	2024-06-27
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC No.: 270-966-8 CAS No.: 68512-30-1	700-960-7	-	2024-01-23
239	Bumetizole (UV-326)	223-445-4	3896-11-5	2024-01-23
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	2024-01-23
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	3147-75-9	2024-01-23
236	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	2024-01-23
235	Bis(4-chlorophenyl) sulphone	201-247-9	80-07-09	2023-06-14
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	2023-06-14
233	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	-	2023-01-17
232	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	-	-	2023-01-17
231	Melamine	203-615-4	108-78-1	2023-01-17
230	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	2023-01-17
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate EC No.: 247-426-5 CAS No.: 26040-51-7	-	-	2023-01-17

No	Substance Name	EC Number	CAS Number	Date of inclusion
228	Barium diboron tetraoxide	237-222-4	13701-59-2	2023-01-17
227	4,4'-sulphonyldiphenol	201-250-5	80-09-1	2023-01-17
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	2023-01-17
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	2023-01-17
224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	2022-06-10
223	tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	2022-01-17
222	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 X4261	401-850-9	255881-94-8	2022-01-17
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	2022-01-17
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one EC No.: 253-242-6 CAS No.: 36861-47-9 (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 1782069-81-1 (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 95342-41-9 (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-30-1 (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-21-0 (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 741687-98-9 (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-25-4			2022-01-17
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP) Phenol, dodecyl-, branched EC No.: 310-154-3 CAS No.: 121158-58-5 Phenol, 4-dodecyl, branched EC No.: - CAS No.: 210555-94-5 Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7	-	-	2021-07-08

No	Substance Name	EC Number	CAS Number	Date of inclusion
	Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1 Phenol, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7 4-isododecylphenol EC No.: - CAS No.: 27459-10-5			
218	orthoboric acid, sodium salt Boric acid, sodium salt EC No.: 215-604-1 CAS No.: 1333-73-9 Orthoboric acid, sodium salt EC No.: 237-560-2 CAS No.: 13840-56-7 boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5 boric acid (H3BO3), sodium salt (1:1) EC No.: - CAS No.: 14890-53-0 Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2 Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4	-	-	2021-07-08
217	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 Alkanes, C14-17, chloro EC No.: 287-477-0 CAS No.: 85535-85-9 di-, tri- and tetrachlorotetradecane EC No.: - CAS No.: - Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2 Alkanes, C14-16, chloro EC No.: - CAS No.: 1372804-76-6	-	-	2021-07-08
216	glutaral	203-856-5	111-30-8	2021-07-08
215	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	2021-07-08
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers (2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-31-3 2-(4-tert-butylbenzyl)propionaldehyde EC No.: 201-289-8 CAS No.: 80-54-6 (2S)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-30-2	-	-	2021-07-08
213	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)	-	-	2021-07-08

No	Substance Name	EC Number	CAS Number	Date of inclusion
	EC No.: 253-057-0 CAS No.: 36483-57-5 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			
212	1,4-dioxane	204-661-8	123-91-1	2021-07-08
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648-39-4 dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: - CAS No.: - Dioctyltin dilaurate EC No.: 222-883-3 CAS No.: 3648- 18-8	-	-	2021-01-19
210	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	2021-01-19
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	2020-06-25
208	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	2020-06-25
207	2-methylimidazole	211-765-7	693-98-1	2020-06-25
206	1-vinylimidazole	214-012-0	1072-63-5	2020-06-25
205	Perfluorobutane sulfonic acid (PFBS) and its salts Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1- sulphonate EC No.: 249-616-3 CAS No.: 29420-49-3 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid EC No.: 206-793-1 CAS No.: 375-73-5 bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate EC No.: 432-660-4 CAS No.: 194999-85-4 tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate EC No.: 444-440-5 CAS No.: 220689-12-3 dimethyl(phenyl)sulfanium perfluorobutanesulfonate EC No.: 452-310-4 CAS No.: 220133-51-7 Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1- sulphonate EC No.: 269-513-7 CAS No.: 68259-10-9 Triphenylsulfanium perfluorobutane sulfonate EC No.: 478-340-8 CAS No.: 144317-44-2 N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4- nonafluorobutane-1-sulfonate EC No.: - CAS No.: 25628-08-4 magnesium perfluorobutanesulfonate EC No.: - CAS No.: 507453-86-3 lithium perfluorobutanesulfonate EC No.: - CAS No.: 131651-65-5	-	-	2020-01-16

No	Substance Name	EC Number	CAS Number	Date of inclusion
	morpholinium perfluorobutanesulfonate EC No.: - CAS No.: 503155-89-3 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.: -			
204	Diisohexyl phthalate	276-090-2	71850-09-4	2020-01-16
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one ACETOCURE 97; GENOCURE*PMP; IGM 4817; IRGACURE 907; SPEEDCURE 97	400-600-6	71868-10-5	2020-01-16
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone CG 25-369; IRGACURE 369; TK 11-319	404-360-3	119313-12-1	2020-01-16
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ 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	-	-	2019-07-16
200	4-tert-butylphenol	202-679-0	98-54-4	2019-07-16
199	2-methoxyethyl acetate	203-772-9	110-49-6	2019-07-16
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate EC No.: 266-578-3 CAS No.: 67118-55-2 ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate EC No.: - CAS No.: 62037-80-3 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride EC No.: 218-173-8 CAS No.: 2062-98-8	-	-	2019-07-16

No	Substance Name	EC Number	CAS Number	Date of inclusion
	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid EC No.: 236-236-8 CAS No.: 13252-13-6 Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)- EC No.: - CAS No.: 75579-39-4 Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)- EC No.: - CAS No.: 75579-40-7			
197	Pyrene	204-927-3	129-00-0	2019-01-15
196	Phenanthrene	201-581-5	85-01-8	2019-01-15
195	Fluoranthene	205-912-4	206-44-0	2019-01-15
194	Benzo[k]fluoranthene	205-916-6	207-08-9	2019-01-15
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane AP-5	401-720-1	6807-17-6	2019-01-15
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	239-139-9	15087-24-8	2019-01-15
191	Terphenyl, hydrogenated	262-967-7	61788-32-7	2018-06-27
190	Octamethylcyclotetrasiloxane D4	209-136-7	556-67-2	2018-06-27
189	Lead	231-100-4	7439-92-1	2018-06-27
188	Ethylenediamine EDA	203-468-6	107-15-3	2018-06-27
187	Dodecamethylcyclohexasiloxane D6	208-762-8	540-97-6	2018-06-27
186	Disodium octaborate	234-541-0	12008-41-2	2018-06-27
185	Dicyclohexyl phthalate DCHP	201-545-9	84-61-7	2018-06-27
184	Decamethylcyclopentasiloxane D5	208-764-9	541-02-6	2018-06-27
183	Benzo[ghi]perylene	205-883-8	191-24-2	2018-06-27
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	209-008-0	552-30-7	2018-06-27
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl) 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	-	-	2018-01-15
180	Chrysene	205-923-4	218-01-9	2018-01-15

No	Substance Name	EC Number	CAS Number	Date of inclusion
179	Cadmium nitrate	233-710-6	10325-94-7	2018-01-15
178	Cadmium hydroxide	244-168-5	21041-95-2	2018-01-15
177	Cadmium carbonate	208-168-9	513-78-0	2018-01-15
176	Benz[a]anthracene	200-280-6	56-55-3	2018-01-15
175	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[12.2.1.1⁶,9.0²,13.0⁵,10]octadeca-7,15-diene EC No.: - CAS No.: 135821-03-3 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.1⁶,9.0²,13.0⁵,10]octadeca-7,15-diene EC No.: 236-948-9 CAS No.: 13560-89-9 (1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1⁶,9.0²,13.0⁵,10]octadeca-7,15-diene EC No.: - CAS No.: 135821-74-8 rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene EC No.: - CAS No.: - 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.: -	-	-	2018-01-15
174	Perfluorohexane-1-sulphonic acid and its salts PFH_xS perfluorohexane-1-sulphonic acid EC No.: 206-587-1 CAS No.: 355-46-4 ammonium perfluorohexane-1-sulphonate EC No.: 269-511-6 CAS No.: 68259-08-5 tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) EC No.: 274-462-9 CAS No.: 70225-16-0 potassium perfluorohexane-1-sulphonate EC No.: 223-393-2 CAS No.: 3871-99-6 Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 1310480-24-0	-	-	2017-07-07

No	Substance Name	EC Number	CAS Number	Date of inclusion
	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.: - CAS No.: 1310480-27-3 Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 1310480-28-4 Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) EC No.: - CAS No.: 1329995-45-0 Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) EC No.: - CAS No.: 1329995-69-8 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 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 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 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 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1) EC No.: - CAS No.: 202189-84-2 Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 213740-81-9 Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 341548-85-4 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1) EC No.: - CAS No.: 350836-93-0 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1) EC No.: - CAS No.: 41184-65-0 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-			

No	Substance Name	EC Number	CAS Number	Date of inclusion
	tridecafluoro-, yttrium(3+) salt (3:1) EC No.: - CAS No.: 41242-12-0 Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2) EC No.: - CAS No.: 421555-73-9 Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid EC No.: - CAS No.: 421555-74-0 Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) EC No.: - CAS No.: 425670-70-8 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 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 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 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 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 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 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 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-3-furanyl 2-methyl-2-propenoate EC No.: - CAS No.: 911027-69-5 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 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-			

No	Substance Name	EC Number	CAS Number	Date of inclusion
	hexanesulfonate (1:1) EC No.: - CAS No.: 928049-42-7 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) EC No.: - CAS No.: 1187817-57-7 N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate EC No.: - CAS No.: 108427-55-0 N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate EC No.: - CAS No.: 108427-54-9 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 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl) EC No.: - CAS No.: 341035-71-0			
173	p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	2017-01-12
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC No.: 206-400-3 CAS No.: 335-76-2 sodium nonadecafluorodecanoate EC No.: - CAS No.: 3830-45-3 Ammonium nonadecafluorodecanoate EC No.: 221-470-5 CAS No.: 3108-42-7	-	-	2017-01-12
171	4-Heptylphenol, branched and linear 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 4-heptylphenol EC No.: 217-862-0 CAS No.: 1987-50-4 Phenol, heptyl derivs. EC No.: 276-743-1 CAS No.: 72624-02-3 4-(3-ethylpentan-3-yl)phenol EC No.: - CAS No.: 37872-24-5 4-(2-methylhexan-2-yl)phenol EC No.: - CAS No.: 30784-31-7 4-(3,3-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 911371-06-7 4-(3-methylhexan-2-yl)phenol EC No.: - CAS No.: 854904-93-1 4-(4,4-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 911371-07-8 4-(4-methylhexan-2-yl)phenol EC No.: - CAS No.: 71945-81-8 4-(5-methylhexan-2-yl)phenol EC No.: - CAS No.:	-	-	2017-01-12

No	Substance Name	EC Number	CAS Number	Date of inclusion
	857629-71-1 4-(2,2-dimethylpentan-3-yl)phenol EC No.: - CAS No.: 861010-65-3 Phenol, 4-(1-ethyl-1,2-dimethylpropyl)- EC No.: - CAS No.: 30784-27-1 4-(heptan-3-yl)phenol EC No.: - CAS No.: 6465-74-3 4-(heptan-2-yl)phenol EC No.: - CAS No.: 6863-24-7 4-(heptan-4-yl)phenol EC No.: - CAS No.: 6465-71-0 4-(3-ethylpentyl)phenol EC No.: - CAS No.: 911370-98-4 4-(3-methylhexyl)phenol EC No.: - CAS No.: 102570-52-5 4-(4-methylhexyl)phenol EC No.: - CAS No.: 1139800-98-8 4-(5-methylhexyl)phenol EC No.: - CAS No.: 100532-36-3 4-(2,4-dimethylpentan-3-yl)phenol EC No.: - CAS No.: 1824346-00-0 Phenol, 4-tert-heptyl- EC No.: - CAS No.: 288864-02-8 4-(2,3-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 861011-60-1 4-(3-methylhexan-3-yl)phenol EC No.: - CAS No.: 30784-32-8 4-(2,4-dimethylpentan-2-yl)phenol EC No.: - CAS No.: 33104-11-9 4-(2,3,3-trimethylbutan-2-yl)phenol EC No.: - CAS No.: 72861-06-4 4-(5-methylhexan-3-yl)phenol EC No.: - CAS No.: 854904-92-0			
170	4,4'-isopropylidenediphenol Bisphenol A; BPA	201-245-8	80-05-07	2017-01-12
169	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	2016-06-20
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts Perfluorononan-1-oic-acid EC No.: 206-801-3 CAS No.: 375-95-1 Sodium salts of perfluorononan-1-oic-acid EC No.: - CAS No.: 21049-39-8 Ammonium salts of perfluorononan-1-oic-acid EC No.: - CAS No.: 4149-60-4	-	-	2015-12-17
167	Nitrobenzene	202-716-0	98-95-3	2015-12-17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	2015-12-17
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	2015-12-17

No	Substance Name	EC Number	CAS Number	Date of inclusion
164	1,3-propanesultone	214-317-9	1120-71-4	2015-12-17
163	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 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 EC No.: 413-720-9 CAS No.: - 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 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.: - 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC No.: - CAS No.: - 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane EC No.: - CAS No.: - 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)- EC No.: - CAS No.: 186309-28-4 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 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 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 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 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 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- EC No.: - CAS	-	-	2015-06-15

No	Substance Name	EC Number	CAS Number	Date of inclusion
	No.: 676367-08-1 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 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- EC No.: - CAS No.: 676367-07-0 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 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)- EC No.: - CAS No.: 117933-89-8			
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters EC No.: 272-013-1 CAS No.: 68648-93-1 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters EC No.: 271-094-0 CAS No.: 68515-51-5	-	-	2015-06-15
161	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)	-	-	2014-12-17
160	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	2014-12-17
159	Cadmium fluoride	232-222-0	7790-79-6	2014-12-17
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	2014-12-17
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	2014-12-17
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	2014-12-17
155	Sodium peroxometaborate	231-556-4	7632-04-4	2014-06-16

No	Substance Name	EC Number	CAS Number	Date of inclusion
154	Sodium perborate; perboric acid, sodium salt Perboric acid, sodium salt, tetrahydrate () EC No.: - CAS No.: 37244-98-7 Perboric acid (HBO(O ₂)), 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.: - CAS No.: 125022-34-6 Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2) EC No.: - CAS No.: 90568-23-3 Perboric acid, sodium salt EC No.: 234-390-0 CAS No.: 11138-47-9 Perboric acid (H ₃ BO ₂ (O ₂)), monosodium salt, trihydrate EC No.: - CAS No.: 13517-20-9 Sodium perborate EC No.: 239-172-9 CAS No.: 15120-21-5	-	-	2014-06-16
153	Cadmium chloride	233-296-7	10108-64-2	2014-06-16
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	2014-06-16
151	Trixylyl phosphate	246-677-8	25155-23-1	2013-12-16
150	Lead di(acetate)	206-104-4	301-04-2	2013-12-16
149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	2013-12-16
148	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	2013-12-16
147	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	2013-12-16
146	Dihexyl phthalate	201-559-5	84-75-3	2013-12-16
145	Cadmium sulphide	215-147-8	1306-23-6	2013-12-16
144	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	2013-06-20
143	Dipentyl phthalate (DPP)	205-017-9	131-18-0	2013-06-20
142	Cadmium oxide	215-146-2	1306-19-0	2013-06-20
141	Cadmium	231-152-8	7440-43-9	2013-06-20
140	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	2013-06-20
139	4-Nonylphenol, branched and linear, ethoxylated substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof Nonylphenol, ethoxylated (8-EO) EC No.: - CAS No.:	-	-	2013-06-20

No	Substance Name	EC Number	CAS Number	Date of inclusion
	9016-45-9 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxaheacosan -1-ol EC No.: - CAS No.: 14409-72-4 Nonylphenol, ethoxylated (6,5-EO) EC No.: - CAS No.: 9016-45-9 Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-209-1 CAS No.: 68412-54-4 4-Nonylphenol, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-045-0 CAS No.: 26027-38-3 20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 248-743-1 CAS No.: 27942-27-4 Nonylphenol, ethoxylated (10-EO) EC No.: - CAS No.: 9016-45-9 Nonylphenol, ethoxylated EC No.: 500-024-6 CAS No.: 9016-45-9 Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched EC No.: - CAS No.: 68412-54-4 Poly (oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched EC No.: - CAS No.: 68412-54-4 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol EC No.: 230-770-5 CAS No.: 7311-27-5 Nonylphenol, ethoxylated (15-EO) EC No.: - CAS No.: 9016-45-9 2-[2-(4-nonylphenoxy)ethoxy]ethanol EC No.: 243-816-4 CAS No.: 20427-84-3 4-Nonylphenol, branched, ethoxylated EC No.: - CAS No.: 127087-87-0 4-Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated EC No.: 500-315-8 CAS No.: 127087-87-0 17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol EC No.: - CAS No.: 34166-38-6 Isononylphenol, ethoxylated EC No.: - CAS No.: 37205-87-1 Nonylphenol, ethoxylated (polymer) EC No.: - CAS No.: - Nonylphenol, ethoxylated (EO = 4) EC No.: - CAS No.: - Nonylphenol, ethoxylated (EO = 10) EC No.: - CAS No.: - 4-t-Nonylphenol-diethoxylate EC No.: - CAS No.: 156609-10-8			

No	Substance Name	EC Number	CAS Number	Date of inclusion
	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)- EC No.: - CAS No.: 20636-48-0 2-(nonylphenoxy)ethanol EC No.: 248-762-5 CAS No.: 27986-36-3 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxaheacosan-1-ol EC No.: 255-695-5 CAS No.: 42173-90-0 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 20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 265-785-6 CAS No.: 65455-69-8 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched EC No.: 293-926-1 CAS No.: 91648-64-5 Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy- EC No.: - CAS No.: 9016-45-9 3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)- EC No.: - CAS No.: 65455-72-3 3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)- EC No.: - CAS No.: 27177-01-1 2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol EC No.: - CAS No.: 1119449-38-5 2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol EC No.: - CAS No.: 1119449-37-4 Nonylphenolpolyglycoether EC No.: - CAS No.: - 2-(4-nonylphenoxy)ethanol EC No.: - CAS No.: 104-35-8 29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol EC No.: 248-294-1 CAS No.: 27177-08-8 23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaoxatricosan-1-ol EC No.: 248-293-6 CAS No.: 27177-05-5 20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol EC No.: 248-292-0 CAS No.: 27177-03-3 2-[2-(nonylphenoxy)ethoxy]ethanol EC No.: 248-291-5 CAS No.: 27176-93-8 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxaheacosan-1-ol EC No.: 247-816-5 CAS No.: 26571-11-9 2-(isononylphenoxy)ethanol EC No.: 284-987-5 CAS No.: 85005-55-6 14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol EC No.: 247-555-7 CAS No.: 26264-02-8			
138	Trilead dioxide phosphonate	235-252-2	12141-20-7	2012-12-19

No	Substance Name	EC Number	CAS Number	Date of inclusion
137	Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	2012-12-19
136	Tricosafuorododecanoic acid	206-203-2	307-55-1	2012-12-19
135	Tetralead trioxide sulphate	235-380-9	12202-17-4	2012-12-19
134	Tetraethyllead	201-075-4	78-00-2	2012-12-19
133	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	2012-12-19
132	Silicic acid, lead salt	234-363-3	11120-22-2	2012-12-19
131	Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD),the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008	272-271-5	68784-75-8	2012-12-19
130	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	2012-12-19
129	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	2012-12-19
128	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	2012-12-19
127	Orange lead (lead tetroxide)	215-235-6	1314-41-6	2012-12-19
126	o-Toluidine	202-429-0	95-53-4	2012-12-19
125	o-aminoazotoluene	202-591-2	97-56-3	2012-12-19
124	N-pentyl-isopentylphthalate	-	776297-69-9	2012-12-19
123	N-methylacetamide	201-182-6	79-16-3	2012-12-19
122	N,N-dimethylformamide	200-679-5	68-12-2	2012-12-19
121	Methyloxirane (Propylene oxide)	200-879-2	75-56-9	2012-12-19
120	Methoxyacetic acid	210-894-6	625-45-6	2012-12-19
119	Lead titanium zirconium oxide	235-727-4	12626-81-2	2012-12-19
118	Lead titanium trioxide	235-038-9	12060-00-3	2012-12-19
117	Lead oxide sulfate	234-853-7	12036-76-9	2012-12-19
116	Lead monoxide (lead oxide)	215-267-0	1317-36-8	2012-12-19
115	Lead dinitrate	233-245-9	10099-74-8	2012-12-19
114	Lead cyanamidate	244-073-9	20837-86-9	2012-12-19
113	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	2012-12-19
112	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	-	-	2012-12-19
111	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	2012-12-19
110	Henicosafuoroundecanoic acid	218-165-4	2058-94-8	2012-12-19

No	Substance Name	EC Number	CAS Number	Date of inclusion
109	Furan	203-727-3	110-00-9	2012-12-19
108	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	2012-12-19
107	Dioxobis(stearato)trilead	235-702-8	12578-12-0	2012-12-19
106	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	2012-12-19
105	Dimethyl sulphate	201-058-1	77-78-1	2012-12-19
104	Diisopentyl phthalate	210-088-4	605-50-5	2012-12-19
103	Diethyl sulphate	200-589-6	64-67-5	2012-12-19
102	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	2012-12-19
101	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	2012-12-19
100	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	-	-	2012-12-19
99	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	2012-12-19
98	Biphenyl-4-ylamine	202-177-1	92-67-1	2012-12-19
97	Acetic acid, lead salt, basic	257-175-3	51404-69-4	2012-12-19
96	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	2012-12-19
95	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	2012-12-19
94	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 Phenol, 4-nonyl-, branched EC No.: 284-325-5 CAS No.: 84852-15-3 p-nonylphenol EC No.: 203-199-4 CAS No.: 104-40-5 p-(1,1-dimethylheptyl)phenol EC No.: 250-339-5 CAS No.: 30784-30-6 p-isononylphenol EC No.: 247-770-6 CAS No.: 26543-97-5 p-(1-methyloctyl)phenol EC No.: 241-427-4 CAS No.: 17404-66-9 4-(1-ethyl-1-methylhexyl)phenol EC No.: 257-907-1 CAS No.: 52427-13-1 4-(1-Ethyl-1,3-dimethylpentyl)phenol EC No.: - CAS No.: 186825-36-5 4-(1-Ethyl-1,4-dimethylpentyl)phenol EC No.: - CAS No.: 142731-63-3	-	-	2012-12-19

No	Substance Name	EC Number	CAS Number	Date of inclusion
	4-(3-ethylheptan-2-yl)phenol EC No.: - CAS No.: 186825-39-8 Isononylphenol EC No.: 234-284-4 CAS No.: 11066-49-2 Nonylphenol EC No.: 246-672-0 CAS No.: 25154-52-3 4-(1,1,5-Trimethylhexyl)phenol EC No.: - CAS No.: 521947-27-3 Phenol, nonyl-, branched EC No.: 291-844-0 CAS No.: 90481-04-2			
93	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	2012-12-19
92	4-Aminoazobenzene	200-453-6	60-09-3	2012-12-19
91	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	-	-	2012-12-19
90	4,4'-oxydianiline and its salts 4,4'-oxydianiline EC No.: 202-977-0 CAS No.: 101-80-4	-	-	2012-12-19
89	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	2012-12-19
88	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine ZOLDINE MS-PLUS	421-150-7	143860-04-2	2012-12-19
87	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	2012-12-19
86	1,2-Diethoxyethane	211-076-1	629-14-1	2012-12-19
85	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	2012-12-19
84	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	2012-06-18
83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	2012-06-18
82	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	2012-06-18
81	Formamide	200-842-0	75-12-7	2012-06-18

No	Substance Name	EC Number	CAS Number	Date of inclusion
80	Diboron trioxide	215-125-8	1303-86-2	2012-06-18
79	[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	2012-06-18
78	[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	2012-06-18
77	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	90-94-8	2012-06-18
76	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	2012-06-18
75	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	2012-06-18
74	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	2012-06-18
73	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	2012-06-18
72	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	2012-06-18
71	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight Refractories, fibers, aluminosilicate EC No.: - CAS No.: 142844-00-6	-	-	2011-12-19
70	Trilead diarsenate	222-979-5	3687-31-8	2011-12-19
69	Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	2011-12-19
68	Phenolphthalein	201-004-7	77-09-8	2011-12-19
67	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	2011-12-19
66	N,N-dimethylacetamide	204-826-4	127-19-5	2011-12-19

No	Substance Name	EC Number	CAS Number	Date of inclusion
65	Lead styphnate	239-290-0	15245-44-0	2011-12-19
64	Lead dipicrate	229-335-2	6477-64-1	2011-12-19
63	Lead diazide, Lead azide	236-542-1	13424-46-9	2011-12-19
62	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	2011-12-19
61	Dichromium tris(chromate)	246-356-2	24613-89-6	2011-12-19
60	Calcium arsenate	231-904-5	7778-44-1	2011-12-19
59	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	2011-12-19
58	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	2011-12-19
57	Arsenic acid	231-901-9	7778-39-4	2011-12-19
56	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight Refractories, fibers, aluminosilicate EC No.: - CAS No.: 142844-00-6	-	-	2011-12-19
55	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	2011-12-19
54	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	2011-12-19
53	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	2011-12-19
52	1,2-dichloroethane	203-458-1	107-06-2	2011-12-19
51	Strontium chromate	232-142-6	7789-06-02	2011-06-20
50	Hydrazine	206-114-9	302-01-2, 7803-57-8	2011-06-20
49	2-Ethoxyethyl acetate	203-839-2	111-15-9	2011-06-20
48	1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	2011-06-20
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	2011-06-20
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	2011-06-20
45	1,2,3-Trichloropropane	202-486-1	96-18-4	2011-06-20
44	Cobalt(II) sulphate	233-334-2	10124-43-3	2010-12-15
43	Cobalt(II) dinitrate	233-402-1	10141-05-6	2010-12-15
42	Cobalt(II) diacetate	200-755-8	71-48-7	2010-12-15
41	Cobalt(II) carbonate	208-169-4	513-79-1	2010-12-15
40	Chromium trioxide	215-607-8	1333-82-0	2010-12-15

No	Substance Name	EC Number	CAS Number	Date of inclusion
39	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	-	-	2010-12-15
38	2-Methoxyethanol	203-713-7	109-86-4	2010-12-15
37	2-Ethoxyethanol	203-804-1	110-80-5	2010-12-15
36	Trichloroethylene	201-167-4	79-01-6	2010-06-18
35	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	2010-06-18
34	Sodium chromate	231-889-5	7775-11-3	2010-06-18
33	Potassium dichromate	231-906-6	7778-50-9	2010-06-18
32	Potassium chromate	232-140-5	7789-00-6	2010-06-18
31	Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	2010-06-18
30	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	-	-	2010-06-18
29	Ammonium dichromate	232-143-1	7789-09-5	2010-06-18
28	Acrylamide	201-173-7	79-06-1	2010-03-30
27	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	2010-01-13
26	Pitch, coal tar, high-temp.	266-028-2	65996-93-2	2010-01-13
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	2010-01-13
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	2010-01-13
23	Lead chromate	231-846-0	7758-97-6	2010-01-13
22	Diisobutyl phthalate	201-553-2	84-69-5	2010-01-13
21	Anthracene oil, anthracene-low	292-604-8	90640-82-7	2010-01-13
20	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	2010-01-13
19	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	2010-01-13
18	Anthracene oil, anthracene paste	292-603-2	90640-81-6	2010-01-13
17	Anthracene oil	292-602-7	90640-80-5	2010-01-13
16	2,4-Dinitrotoluene	204-450-0	121-14-2	2010-01-13
15	Triethyl arsenate	427-700-2	15606-95-8	2008-10-28
14	Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	2008-10-28
13	Lead hydrogen arsenate	232-064-2	7784-40-9	2008-10-28
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified 1,2,5,6,9,10-hexabromocyclododecane EC No.: 221-695-9 CAS No.: 3194-55-6	-	-	2008-10-28

No	Substance Name	EC Number	CAS Number	Date of inclusion
	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			
11	Dibutyl phthalate (DBP)	201-557-4	84-74-2	2008-10-28
10	Diarsenic trioxide	215-481-4	1327-53-3	2008-10-28
9	Diarsenic pentaoxide	215-116-9	1303-28-2	2008-10-28
8	Cobalt dichloride	231-589-4	7646-79-9	2008-10-28
7	Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	2008-10-28
6	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	2008-10-28
5	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	2008-10-28
4	Anthracene	204-371-1	120-12-7	2008-10-28
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	2008-10-28
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	2008-10-28
1	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	2008-10-28