

## Compliance with REACH

REACH (Registration, Evaluation, Authorization and Restriction of Chemical substances) is an European Community Regulation on chemicals and their safe use ([EC 1907/2006](#)). The regulation entered into force on June 1<sup>st</sup> 2007.

**onsemi** supports the basic aim of REACH in improving the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. **onsemi** meets all applicable REACH requirements and is committed to provide our customers with information about substances in its products as required.

Under REACH, registration provision is applicable to manufacture or import of chemicals and does not apply to onsemi's EU semiconductor manufacturing operations. It is anticipated that substances used in electronic products will be registered by raw material manufacturers within the supply chain.

**onsemi** products are "articles" as defined in REACH Article 3(3) and do not release substances under their normal use. Suppliers of articles must provide recipients with information on Substances of Very High Concern (SVHC) if those are present above a concentration limit of 0.1 % on an article level.

**onsemi products do not contain the Substances of Very High Concern, included in the Candidate List of substances of very high concern, issued by European Chemical Agency (ECHA), last updated on 14<sup>th</sup> June 2023, with exception of Lead, which may be contained in some products (please see note \*\*below Table1).**

**Candidate List of Substances of Very High Concern (SVHC)**

**Table 1**

Substance name	EC No.	CAS No.	Date of inclusion
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	14-Jun-2023
Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	14-Jun-2023
Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	-	17-Jan-2023
Perfluoroheptanoic acid and its salts	-	-	17-Jan-2023
Ammonium perfluoroheptanoate	228-098-2	6130-43-4	17-Jan-2023
Potassium perfluoroheptanoate	-	21049-36-5	17-Jan-2023
Perfluoroheptanoic acid	206-798-9	375-85-9	17-Jan-2023
Sodium perfluoroheptanoate	243-518-4	20109-59-5	17-Jan-2023
Melamine	203-615-4	108-78-1	17-Jan-2023
Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	17-Jan-2023
Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	17-Jan-2023
Bis(2-ethylhexyl) tetrabromophthalate	247-426-5	26040-51-7	17-Jan-2023
Barium diboron tetraoxide	237-222-4	13701-59-2	17-Jan-2023
4,4'-sulphonyldiphenol	201-250-5	80-09-1	17-Jan-2023
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	17-Jan-2023
1,1'-[ethane-1,2-diylbis(oxy)bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	17-Jan-2023
N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	10-Jun-2022
tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	17-Jan-2022
S-(tricyclo(5.2.1.0' <sup>2</sup> ,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8	17-Jan-2022
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	17-Jan-2022
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	-	17-Jan-2022
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	253-242-6	36861-47-9	17-Jan-2022
(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-	-	1782069-81-1	17-Jan-2022

Substance name	EC No.	CAS No.	Date of inclusion
one			
(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	95342-41-9	17-Jan-2022
(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-30-1	17-Jan-2022
(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-21-0	17-Jan-2022
(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	741687-98-9	17-Jan-2022
(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-25-4	17-Jan-2022
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	08-Jul-2021
Phenol, dodecyl-, branched	310-154-3	121158-58-5	08-Jul-2021
Phenol, 4-dodecyl-, branched	-	210555-94-5	08-Jul-2021
Phenol, 4-isododecyl-	-	27147-75-7	08-Jul-2021
Phenol, tetrapropylene-	-	57427-55-1	08-Jul-2021
Phenol, (tetrapropenyl) derivatives	-	74499-35-7	08-Jul-2021
4-isododecylphenol	-	27459-10-5	08-Jul-2021
orthoboric acid, sodium salt	-	-	08-Jul-2021
Boric acid, sodium salt	215-604-1	1333-73-9	08-Jul-2021
Orthoboric acid, sodium salt	237-560-2	13840-56-7	08-Jul-2021
boric acid (H3BO3), sodium salt, hydrate	-	25747-83-5	08-Jul-2021
boric acid (H3BO3), sodium salt (1:1)	-	14890-53-0	08-Jul-2021
Boric acid (H3BO3), disodium salt	-	22454-04-2	08-Jul-2021
Trisodium orthoborate	238-253-6	14312-40-4	08-Jul-2021
Medium-chain chlorinated paraffins (MCCP)	-	-	08-Jul-2021
Alkanes, C14-17, chloro	287-477-0	85535-85-9	08-Jul-2021
Tetradecane, chloro derivs.	-	198840-65-2	08-Jul-2021
Alkanes, C14-16, chloro	-	1372804-76-6	08-Jul-2021
di-, tri- and tetrachlorotetradecane	-	-	08-Jul-2021
glutaral	203-856-5	111-30-8	08-Jul-2021
4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	08-Jul-2021
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	08-Jul-2021
(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	-	75166-31-3	08-Jul-2021
2-(4-tert-butylbenzyl)propionaldehyde	201-289-8	80-54-6	08-Jul-2021
(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	-	75166-30-2	08-Jul-2021
2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	-	-	08-Jul-2021
2,3-dibromo-1-propanol (2,3-DBPA)	202-480-9	96-13-9	08-Jul-2021
2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	253-057-0	36483-57-5	08-Jul-2021
3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	-	1522-92-5	08-Jul-2021
2,2-bis(bromomethyl)propane-1,3-diol (BMP)	221-967-7	3296-90-0	08-Jul-2021
1,4-dioxane	204-661-8	123-91-1	08-Jul-2021
Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	19-Jan-2021
diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	-	19-Jan-2021
Diocetyl tin dilaurate	222-883-3	3648-18-8	19-Jan-2021
Stannane, dioctyl-, bis(coco acyloxy) derivs.	293-901-5	91648-39-4	19-Jan-2021
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	19-Jan-2021
Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	25-Jun-2020
Butyl 4-hydroxybenzoate	202-318-7	94-26-8	25-Jun-2020
2-methylimidazole	211-765-7	693-98-1	25-Jun-2020
1-vinylimidazole	214-012-0	1072-63-5	25-Jun-2020
Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	16-Jan-2020
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	249-616-3	29420-49-3	16-Jan-2020
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	206-793-1	375-73-5	16-Jan-2020
bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate	432-660-4	194999-85-4	16-Jan-2020
tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	444-440-5	220689-12-3	16-Jan-2020
dimethyl(phenyl)sulfanium perfluorobutanesulfonate	452-310-4	220133-51-7	16-Jan-2020
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	269-513-7	68259-10-9	16-Jan-2020
Triphenylsulfanium perfluorobutane sulfonate	478-340-8	144317-44-2	16-Jan-2020
N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	-	25628-08-4	16-Jan-2020
magnesium perfluorobutanesulfonate	-	507453-86-3	16-Jan-2020
lithium perfluorobutanesulfonate	-	131651-65-5	16-Jan-2020

Substance name	EC No.	CAS No.	Date of inclusion
morpholinium perfluorobutanesulfonate	-	503155-89-3	16-Jan-2020
1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate	468-770-4	-	16-Jan-2020
Diisohexyl phthalate	276-090-2	71850-09-4	16-Jan-2020
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	16-Jan-2020
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	16-Jan-2020
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	16-Jul-2019
tris(nonylphenyl) phosphite	247-759-6	26523-78-4	16-Jul-2019
Phenol, 4-nonyl-, phosphite (3:1)	-	3050-88-2	16-Jul-2019
tris(4-nonylphenyl, branched) phosphite	-	-	16-Jul-2019
Phenol, p-sec-nonyl-, phosphite	-	106599-06-8	16-Jul-2019
Phenol, p-isononyl-, phosphite (3:1)	-	31631-13-7	16-Jul-2019
4-tert-butylphenol	202-679-0	98-54-4	16-Jul-2019
2-methoxyethyl acetate	203-772-9	110-49-6	16-Jul-2019
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	16-Jul-2019
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	218-173-8	2062-98-8	16-Jul-2019
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	236-236-8	13252-13-6	16-Jul-2019
potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	266-578-3	67118-55-2	16-Jul-2019
ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	-	62037-80-3	16-Jul-2019
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)	-	75579-40-7	16-Jul-2019
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)	-	75579-39-4	16-Jul-2019
Pyrene	204-927-3	129-00-0	15-Jan-2019
Phenanthrene	201-581-5	85-01-8	15-Jan-2019
Fluoranthene	205-912-4	206-44-0	15-Jan-2019
Benzo[k]fluoranthene	205-916-6	207-08-9	15-Jan-2019
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	15-Jan-2019
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	15-Jan-2019
Terphenyl, hydrogenated	262-967-7	61788-32-7	27-Jun-2018
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	27-Jun-2018
Lead	231-100-4	7439-92-1	27-Jun-2018
Ethylenediamine	203-468-6	107-15-3	27-Jun-2018
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	27-Jun-2018
Disodium octaborate	234-541-0	12008-41-2	27-Jun-2018
Dicyclohexyl phthalate	201-545-9	84-61-7	27-Jun-2018
Decamethylcyclopentasiloxane	208-764-9	541-02-6	27-Jun-2018
Benzo[ghi]perylene	205-883-8	191-24-2	27-Jun-2018
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	209-008-0	552-30-7	27-Jun-2018
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	15-Jan-2018
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	-	1471311-26-8	15-Jan-2018
Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	300-298-5	93925-00-9	15-Jan-2018
Chrysene	205-923-4	218-01-9	15-Jan-2018
Cadmium nitrate	233-710-6	10325-94-7	15-Jan-2018
Cadmium hydroxide	244-168-5	21041-95-2	15-Jan-2018
Cadmium carbonate	208-168-9	513-78-0	15-Jan-2018
Benz[a]anthracene	200-280-6	56-55-3	15-Jan-2018
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"™)	-	-	15-Jan-2018
(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> ,9,0 <sup>2</sup> ,13,0 <sup>5</sup> ,10]octadeca-7,15-diene	-	135821-03-3	15-Jan-2018
1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	236-948-9	13560-89-9	15-Jan-2018
(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> ,9,0 <sup>2</sup> ,13,0 <sup>5</sup> ,10]octadeca-7,15-diene	-	135821-74-8	15-Jan-2018
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	-	-	15-Jan-2018
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	-	-	15-Jan-2018
Perfluorohexane-1-sulphonic acid and its salts	-	-	07-Jul-2017
perfluorohexane-1-sulphonic acid	206-587-1	355-46-4	07-Jul-2017

Substance name	EC No.	CAS No.	Date of inclusion
ammonium perfluorohexane-1-sulphonate	269-511-6	68259-08-5	07-Jul-2017
tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	274-462-9	70225-16-0	07-Jul-2017
potassium perfluorohexane-1-sulphonate	223-393-2	3871-99-6	07-Jul-2017
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1310480-24-0	07-Jul-2017
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1310480-27-3	07-Jul-2017
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1310480-28-4	07-Jul-2017
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	-	1329995-45-0	07-Jul-2017
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	-	1329995-69-8	07-Jul-2017
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	144116-10-9	07-Jul-2017
Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1462414-59-0	07-Jul-2017
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	153443-35-7	07-Jul-2017
Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	-	189274-31-5	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1)	-	202189-84-2	07-Jul-2017
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	213740-81-9	07-Jul-2017
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	341548-85-4	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	-	350836-93-0	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	-	41184-65-0	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	-	41242-12-0	07-Jul-2017
Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	-	421555-73-9	07-Jul-2017
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	-	421555-74-0	07-Jul-2017
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	425670-70-8	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	-	55120-77-9	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	-	70136-72-0	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	-	72033-41-1	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	-	82382-12-5	07-Jul-2017
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)	-	866621-50-3	07-Jul-2017
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	910606-39-2	07-Jul-2017
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	911027-68-4	07-Jul-2017
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	-	911027-69-5	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	-	92011-17-1	07-Jul-2017
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	928049-42-7	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-,	-	1187817-57-7	07-Jul-2017

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compd. With pyrrolidine (1:1)			
N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate	-	108427-55-0	07-Jul-2017
N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	-	108427-54-9	07-Jul-2017
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1000597-52-3	07-Jul-2017
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)	-	341035-71-0	07-Jul-2017
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	12-Jan-2017
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	-	12-Jan-2017
Nonadecafluorodecanoic acid	206-400-3	335-76-2	12-Jan-2017
sodium nonadecafluorodecanoate	-	3830-45-3	12-Jan-2017
Ammonium nonadecafluorodecanoate	221-470-5	3108-42-7	12-Jan-2017
4-heptylphenol, branched and linear	-	-	12-Jan-2017
Phenol, heptyl derivs.	276-743-1	72624-02-3	12-Jan-2017
4-heptylphenol	217-862-0	1987-50-4	12-Jan-2017
4-(3-ethylpentan-3-yl)phenol	-	37872-24-5	12-Jan-2017
4-(2-methylhexan-2-yl)phenol	-	30784-31-7	12-Jan-2017
4-(3,3-dimethylpentan-2-yl)phenol	-	911371-06-7	12-Jan-2017
4-(3-methylhexan-2-yl)phenol	-	854904-93-1	12-Jan-2017
4-(4,4-dimethylpentan-2-yl)phenol	-	911371-07-8	12-Jan-2017
4-(4-methylhexan-2-yl)phenol	-	71945-81-8	12-Jan-2017
4-(5-methylhexan-2-yl)phenol	-	857629-71-1	12-Jan-2017
4-(2,2-dimethylpentan-3-yl)phenol	-	861010-65-3	12-Jan-2017
4-(3-methylhexan-3-yl)phenol	-	30784-32-8	12-Jan-2017
4-(heptan-3-yl)phenol	-	6465-74-3	12-Jan-2017
4-(heptan-2-yl)phenol	-	6863-24-7	12-Jan-2017
4-(heptan-4-yl)phenol	-	6465-71-0	12-Jan-2017
4-(3-ethylpentyl)phenol	-	911370-98-4	12-Jan-2017
4-(3-methylhexyl)phenol	-	102570-52-5	12-Jan-2017
4-(4-methylhexyl)phenol	-	1139800-98-8	12-Jan-2017
4-(5-methylhexyl)phenol	-	100532-36-3	12-Jan-2017
4-(2,4-dimethylpentan-3-yl)phenol	-	1824346-00-0	12-Jan-2017
Phenol, 4-tert-heptyl-	-	288864-02-8	12-Jan-2017
Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-	-	30784-27-1	12-Jan-2017
4-(2,3-dimethylpentan-2-yl)phenol	-	861011-60-1	12-Jan-2017
4-(2,4-dimethylpentan-2-yl)phenol	-	33104-11-9	12-Jan-2017
4-(2,3,3-trimethylbutan-2-yl)phenol	-	72861-06-4	12-Jan-2017
4-(5-methylhexan-3-yl)phenol	-	854904-92-0	12-Jan-2017
4,4'-isopropylidenediphenol	201-245-8	80-05-7	12-Jan-2017
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	20-Jun-2016
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	-	17-Dec-2015
Perfluorononan-1-oic-acid	206-801-3	375-95-1	17-Dec-2015
Sodium salts of perfluorononan-1-oic-acid	-	21049-39-8	17-Dec-2015
Ammonium salts of perfluorononan-1-oic-acid	-	4149-60-4	17-Dec-2015
Nitrobenzene	202-716-0	98-95-3	17-Dec-2015
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17-Dec-2015
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17-Dec-2015
1,3-propanesultone	214-317-9	1120-71-4	17-Dec-2015
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]	-	-	15-Jun-2015
Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	413-720-9	-	15-Jun-2015
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-06-9	15-Jun-2015
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	-	-	15-Jun-2015
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	15-Jun-2015
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	15-Jun-2015
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	-	186309-28-4	15-Jun-2015
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-	-	676367-05-8	15-Jun-2015

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(1-methylpropyl)-, cis-			
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-	-	343934-04-3	15-Jun-2015
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-09-2	15-Jun-2015
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	-	343934-05-4	15-Jun-2015
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-04-7	15-Jun-2015
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-08-1	15-Jun-2015
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-03-6	15-Jun-2015
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-07-0	15-Jun-2015
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-02-5	15-Jun-2015
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	-	117933-89-8	15-Jun-2015
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	-	15-Jun-2015
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	272-013-1	68648-93-1	15-Jun-2015
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	271-094-0	68515-51-5	15-Jun-2015
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17-Dec-2014
Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	17-Dec-2014
Cadmium fluoride	232-222-0	7790-79-6	17-Dec-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
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17-Dec-2014
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17-Dec-2014
Sodium peroxometaborate	231-556-4	7632-04-4	16-Jun-2014
Sodium perborate, perboric acid, sodium salt	-	-	16-Jun-2014
Perboric acid, sodium salt	234-390-0	11138-47-9	16-Jun-2014
Sodium perborate	239-172-9	15120-21-5	16-Jun-2014
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)	-	125022-34-6	16-Jun-2014
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	-	90568-23-3	16-Jun-2014
Perboric acid (H3BO2(O2)), monosodium salt, trihydrate	-	13517-20-9	16-Jun-2014
Cadmium chloride	233-296-7	10108-64-2	16-Jun-2014
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16-Jun-2014
Trixylyl phosphate	246-677-8	25155-23-1	16-Dec-2013
Lead di(acetate)	206-104-4	301-04-2	16-Dec-2013
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16-Dec-2013
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	16-Dec-2013
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
Dihexyl phthalate	201-559-5	84-75-3	16-Dec-2013
Cadmium sulphide	215-147-8	1306-23-6	16-Dec-2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20-Jun-2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20-Jun-2013
Cadmium oxide	215-146-2	1306-19-0	20-Jun-2013
Cadmium	231-152-8	7440-43-9	20-Jun-2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20-Jun-2013
4-Nonylphenol, branched and linear, ethoxylated	-	-	20-Jun-2013
Nonylphenol, ethoxylated (8-EO)	-	9016-45-9	20-Jun-2013
Nonylphenol, ethoxylated (6,5-EO)	-	9016-45-9	20-Jun-2013
Nonylphenol, branched, ethoxylated	500-209-1	68412-54-4	20-Jun-2013
4-Nonylphenol, ethoxylated	500-045-0	26027-38-3	20-Jun-2013
Nonylphenol, ethoxylated	500-024-6	9016-45-9	20-Jun-2013
2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	230-770-5	7311-27-5	20-Jun-2013
Nonylphenol, ethoxylated (10-EO)	-	9016-45-9	20-Jun-2013
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24- octaoxahexacosan -1-ol	-	14409-72-4	20-Jun-2013
Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched	-	68412-54-4	20-Jun-2013

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Poly (oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched	-	68412-54-4	20-Jun-2013
2-[2-(4-nonylphenoxy)ethoxy]ethanol	243-816-4	20427-84-3	20-Jun-2013
Nonylphenol, ethoxylated (15-EO)	-	9016-45-9	20-Jun-2013
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-743-1	27942-27-4	20-Jun-2013
2-(isononylphenoxy)ethanol	284-987-5	85005-55-6	20-Jun-2013
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched	293-926-1	91648-64-5	20-Jun-2013
Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy- (CAS 9016-45-9)	-	9016-45-9	20-Jun-2013
4-Nonylphenol, branched, ethoxylated	-	127087-87-0	20-Jun-2013
Nonylphenolpolyglycoether	-	-	20-Jun-2013
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	-	1119449-37-4	20-Jun-2013
2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol	-	1119449-38-5	20-Jun-2013
Nonylphenol, ethoxylated (polymer)	-	-	20-Jun-2013
Nonylphenol, ethoxylated (EO = 4)	-	-	20-Jun-2013
Nonylphenol, ethoxylated (EO = 10)	-	-	20-Jun-2013
2-(4-nonylphenoxy)ethanol	-	104-35-8	20-Jun-2013
4-t-Nonylphenol-diethoxylate	-	156609-10-8	20-Jun-2013
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	-	20636-48-0	20-Jun-2013
17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol	-	34166-38-6	20-Jun-2013
4-Nonylphenol, branched, ethoxylated	500-315-8	127087-87-0	20-Jun-2013
29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaaxonacosanol	248-294-1	27177-08-8	20-Jun-2013
23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaotricosan-1-ol	248-293-6	27177-05-5	20-Jun-2013
20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-292-0	27177-03-3	20-Jun-2013
2-[2-(nonylphenoxy)ethoxy]ethanol	248-291-5	27176-93-8	20-Jun-2013
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	247-816-5	26571-11-9	20-Jun-2013
14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	247-555-7	26264-02-8	20-Jun-2013
20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	265-785-6	65455-69-8	20-Jun-2013
44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaotatetracontanol	260-678-0	57321-10-5	20-Jun-2013
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	255-695-5	42173-90-0	20-Jun-2013
2-(nonylphenoxy)ethanol	248-762-5	27986-36-3	20-Jun-2013
Isononylphenol, ethoxylated	-	37205-87-1	20-Jun-2013
Trilead dioxide phosphonate	235-252-2	12141-20-7	19-Dec-2012
Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	19-Dec-2012
Tricosafuorododecanoic acid	206-203-2	307-55-1	19-Dec-2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	19-Dec-2012
Tetraethyllead	201-075-4	78-00-2	19-Dec-2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19-Dec-2012
Silicic acid, lead salt	234-363-3	11120-22-2	19-Dec-2012
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	272-271-5	68784-75-8	19-Dec-2012
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	19-Dec-2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19-Dec-2012
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	19-Dec-2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	19-Dec-2012
o-toluidine	202-429-0	95-53-4	19-Dec-2012
o-aminoazotoluene	202-591-2	97-56-3	19-Dec-2012
n-pentyl-isopentyl phthalate	-	776297-69-9	19-Dec-2012
N-methylacetamide	201-182-6	79-16-3	19-Dec-2012
N,N-dimethylformamide	200-679-5	68-12-2	19-Dec-2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19-Dec-2012
Methoxyacetic acid	210-894-6	625-45-6	19-Dec-2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	19-Dec-2012
Lead titanium trioxide	235-038-9	12060-00-3	19-Dec-2012
Lead oxide sulfate	234-853-7	12036-76-9	19-Dec-2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19-Dec-2012
Lead dinitrate	233-245-9	10099-74-8	19-Dec-2012
Lead cyanamidate	244-073-9	20837-86-9	19-Dec-2012
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19-Dec-2012
Hexahydromethylphthalic anhydride	-	-	19-Dec-2012
Hexahydro-1-methylphthalic anhydride	256-356-4	48122-14-1	19-Dec-2012
Hexahydro-3-methylphthalic anhydride	260-566-1	57110-29-9	19-Dec-2012
Hexahydromethylphthalic anhydride	247-094-1	25550-51-0	19-Dec-2012
Hexahydro-4-methylphthalic anhydride	243-072-0	19438-60-9	19-Dec-2012
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	19-Dec-2012
Henicosafuoroundecanoic acid	218-165-4	2058-94-8	19-Dec-2012
Furan	203-727-3	110-00-9	19-Dec-2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19-Dec-2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	19-Dec-2012

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Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19-Dec-2012
Dimethyl sulphate	201-058-1	77-78-1	19-Dec-2012
Diisopentyl phthalate	210-088-4	605-50-5	19-Dec-2012
Diethyl sulphate	200-589-6	64-67-5	19-Dec-2012
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19-Dec-2012
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	19-Dec-2012
Cyclohexane-1,2-dicarboxylic anhydride	-	-	19-Dec-2012
Cyclohexane-1,2-dicarboxylic anhydride	201-604-9	85-42-7	19-Dec-2012
trans-cyclohexane-1,2-dicarboxylic anhydride	238-009-9	14166-21-3	19-Dec-2012
cis-cyclohexane-1,2-dicarboxylic anhydride	236-086-3	13149-00-3	19-Dec-2012
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	19-Dec-2012
Biphenyl-4-ylamine	202-177-1	92-67-1	19-Dec-2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	19-Dec-2012
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19-Dec-2012
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19-Dec-2012
4-Nonylphenol, branched and linear	-	-	19-Dec-2012
p-nonylphenol	203-199-4	104-40-5	19-Dec-2012
4-(1-ethyl-1-methylhexyl)phenol	257-907-1	52427-13-1	19-Dec-2012
p-(1,1-dimethylheptyl)phenol	250-339-5	30784-30-6	19-Dec-2012
p-(1-methyloctyl)phenol	241-427-4	17404-66-9	19-Dec-2012
Phenol, 4-nonyl-, branched	284-325-5	84852-15-3	19-Dec-2012
4-(1-Ethyl-1,4-dimethylpentyl)phenol	-	142731-63-3	19-Dec-2012
4-(1-Ethyl-1,3-dimethylpentyl)phenol	-	186825-36-5	19-Dec-2012
p-isononylphenol	247-770-6	26543-97-5	19-Dec-2012
Isononylphenol	234-284-4	11066-49-2	19-Dec-2012
Phenol, nonyl-, branched	291-844-0	90481-04-2	19-Dec-2012
4-(3-ethylheptan-2-yl)phenol	-	186825-39-8	19-Dec-2012
4-(1,1,5-Trimethylhexyl)phenol	-	521947-27-3	19-Dec-2012
Nonylphenol	246-672-0	25154-52-3	19-Dec-2012
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19-Dec-2012
4-aminoazobenzene	200-453-6	60-09-3	19-Dec-2012
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	-	19-Dec-2012
20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	219-682-8	2497-59-8	19-Dec-2012
2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol	-	2315-61-9	19-Dec-2012
Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether	-	9002-93-1	19-Dec-2012
Poly(oxy-1,2-ethanediyl), $\alpha$ -[(1,1,3,3-tetramethylbutyl)phenyl]- $\omega$ -hydroxy-	-	9036-19-5	19-Dec-2012
2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol	-	2315-67-5	19-Dec-2012
4,4'-oxydianiline and its salts	-	-	19-Dec-2012
4,4'-oxydianiline	202-977-0	101-80-4	19-Dec-2012
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19-Dec-2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19-Dec-2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19-Dec-2012
1,2-diethoxyethane	211-076-1	629-14-1	19-Dec-2012
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	19-Dec-2012
$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	229-851-8	6786-83-0	18-Jun-2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18-Jun-2012
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18-Jun-2012
Formamide	200-842-0	75-12-7	18-Jun-2012
Diboron trioxide	215-125-8	1303-86-2	18-Jun-2012
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	219-943-6	2580-56-5	18-Jun-2012
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	208-953-6	548-62-9	18-Jun-2012
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18-Jun-2012
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	209-218-2	561-41-1	18-Jun-2012
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	423-400-0	59653-74-6	18-Jun-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
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	18-Jun-2012
1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18-Jun-2012
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	-	19-Dec-2011
Refractories, fibers, aluminosilicate	-	142844-00-6	19-Dec-2011
Trilead diarsenate	222-979-5	3687-31-8	19-Dec-2011
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19-Dec-2011
Phenolphthalein	201-004-7	77-09-8	19-Dec-2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19-Dec-2011



Substance name	EC No.	CAS No.	Date of inclusion
N,N-dimethylacetamide	204-826-4	127-19-5	19-Dec-2011
Lead styphnate	239-290-0	15245-44-0	19-Dec-2011
Lead dipicrate	229-335-2	6477-64-1	19-Dec-2011
Lead diazide, Lead azide	236-542-1	13424-46-9	19-Dec-2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19-Dec-2011
Dichromium tris(chromate)	246-356-2	24613-89-6	19-Dec-2011
Calcium arsenate	231-904-5	7778-44-1	19-Dec-2011
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19-Dec-2011
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19-Dec-2011
Arsenic acid	231-901-9	7778-39-4	19-Dec-2011
Aluminosilicate Refractory Ceramic Fibres	-	-	19-Dec-2011
Refractories, fibers, aluminosilicate	-	142844-00-6	19-Dec-2011
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	19-Dec-2011
2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	19-Dec-2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19-Dec-2011
1,2-dichloroethane	203-458-1	107-06-2	19-Dec-2011
Strontium chromate	232-142-6	7789-06-2	20-Jun-2011
Hydrazine	206-114-9	302-01-2, 7803-57-8	20-Jun-2011
2-ethoxyethyl acetate	203-839-2	111-15-9	20-Jun-2011
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	20-Jun-2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	20-Jun-2011
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	20-Jun-2011
1,2,3-trichloropropane	202-486-1	96-18-4	20-Jun-2011
Cobalt(II) sulphate	233-334-2	10124-43-3	15-Dec-2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	15-Dec-2010
Cobalt(II) diacetate	200-755-8	71-48-7	15-Dec-2010
Cobalt(II) carbonate	208-169-4	513-79-1	15-Dec-2010
Chromium trioxide	215-607-8	1333-82-0	15-Dec-2010
Acids generated from chromium trioxide and their oligomers	-	-	15-Dec-2010
Chromic acid	231-801-5	7738-94-5	15-Dec-2010
Oligomers of chromic acid and dichromic acid	-	-	15-Dec-2010
Dichromic acid	236-881-5	13530-68-2	15-Dec-2010
2-methoxyethanol	203-713-7	109-86-4	15-Dec-2010
2-ethoxyethanol	203-804-1	110-80-5	15-Dec-2010
Trichloroethylene	201-167-4	79-01-6	18-Jun-2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18-Jun-2010
Sodium chromate	231-889-5	7775-11-3	18-Jun-2010
Potassium dichromate	231-906-6	7778-50-9	18-Jun-2010
Potassium chromate	232-140-5	7789-00-6	18-Jun-2010
Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	18-Jun-2010
Boric acid	-	-	18-Jun-2010
Boric acid, crude natural	234-343-4	11113-50-1	18-Jun-2010
Boric acid	233-139-2	10043-35-3	18-Jun-2010
Ammonium dichromate	232-143-1	7789-09-5	18-Jun-2010
Acrylamide	201-173-7	79-06-1	30-Mar-2010
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	13-Jan-2010
Pitch, coal tar, high-temp.	266-028-2	65996-93-2	13-Jan-2010
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13-Jan-2010
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	13-Jan-2010
Lead chromate	231-846-0	7758-97-6	13-Jan-2010
Diisobutyl phthalate	201-553-2	84-69-5	13-Jan-2010
Anthracene oil, anthracene-low	292-604-8	90640-82-7	13-Jan-2010
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	13-Jan-2010
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13-Jan-2010
Anthracene oil, anthracene paste	292-603-2	90640-81-6	13-Jan-2010
Anthracene oil	292-602-7	90640-80-5	13-Jan-2010
2,4-dinitrotoluene	204-450-0	121-14-2	13-Jan-2010
Triethyl arsenate	427-700-2	15606-95-8	28-Oct-2008
Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	28-Oct-2008
Lead hydrogen arsenate	232-064-2	7784-40-9	28-Oct-2008
Hexabromocyclododecane (HBCDD)	-	-	28-Oct-2008
gamma-hexabromocyclododecane	-	134237-52-8	28-Oct-2008
beta-hexabromocyclododecane	-	134237-51-7	28-Oct-2008
1,2,5,6,9,10-hexabromocyclododecane	221-695-9	3194-55-6	28-Oct-2008

Substance name	EC No.	CAS No.	Date of inclusion
Hexabromocyclododecane	247-148-4	25637-99-4	28-Oct-2008
alpha-hexabromocyclododecane	-	134237-50-6	28-Oct-2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28-Oct-2008
Diarsenic trioxide	215-481-4	1327-53-3	28-Oct-2008
Diarsenic pentaoxide	215-116-9	1303-28-2	28-Oct-2008
Cobalt dichloride	231-589-4	7646-79-9	28-Oct-2008
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	28-Oct-2008
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28-Oct-2008
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28-Oct-2008
Anthracene	204-371-1	120-12-7	28-Oct-2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28-Oct-2008
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	28-Oct-2008
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28-Oct-2008

Note :

\*Diboron trioxide was added to REACH as a Substance of Very High Concern (SVHC) on June 18, 2012. **onsemi** products in glass encapsulated packages may list Diboron trioxide as a constituent material in the glass encapsulation, in a concentration greater than 0.1%; REACH classifies; glass as a substance of unknown or variable composition, complex reaction products or biological matter (UVCB) containing the elements silica, calcium, sodium, potassium, magnesium and other cautions bonded together with oxygen. In glass, these elements are bonded into a non-crystalline molecular structure with completely different properties than the starting material; Therefore Diboron trioxide is not present in the finished **onsemi** product and does not require notification of the presence of a SVHC

\*\*Lead, which was added to a Candidate List of Substance of Very High Concern (SVHC) on June 27th, 2018, may be contained in some of **onsemi** products. In such cases the lead is RoHS exempted with 7a (lead in high melting temperature type die attach solders) or 7c (lead in glass or ceramic). If present, lead is listed in a material declaration.

**onsemi products do not contain any of the Substances included in the Authorization List, issued by European Chemical Agency (ECHA).**

**REACH Annex XIV: REACH Authorization list**
**Table 2.**

Substance name	EC No.	CAS No.	Entry No.	Latest appl. date	Sunset Date
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	01	21-Feb-2013	21-Aug-2014
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	02	21-Feb-2013	21-Aug-2014
Hexabromocyclododecane (HBCDD)	-	-	03	21-Feb-2014	21-Aug-2015
gamma-hexabromocyclododecane	-	134237-52-8	03	21-Feb-2014	21-Aug-2015
beta-hexabromocyclododecane	-	134237-51-7	03	21-Feb-2014	21-Aug-2015
1,2,5,6,9,10-hexabromocyclododecane	221-695-9	3194-55-6	03	21-Feb-2014	21-Aug-2015
Hexabromocyclododecane	247-148-4	25637-99-4	03	21-Feb-2014	21-Aug-2015
alpha-hexabromocyclododecane	-	134237-50-6	03	21-Feb-2014	21-Aug-2015
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	04	21-Aug-2013	21-Feb-2015
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	05	21-Aug-2013	21-Feb-2015
Dibutyl phthalate (DBP)	201-557-4	84-74-2	06	21-Aug-2013	21-Feb-2015
Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	07	21-Aug-2013	21-Feb-2015
Diarsenic trioxide	215-481-4	1327-53-3	08	21-Nov-2013	21-May-2015
Diarsenic pentaoxide	215-116-9	1303-28-2	09	21-Nov-2013	21-May-2015
Lead chromate	231-846-0	7758-97-6	10	21-Nov-2013	21-May-2015
Lead sulfochromate yellow	215-693-7	1344-37-2	11	21-Nov-2013	21-May-2015
Lead chromate molybdate sulfate red	235-759-9	12656-85-8	12	21-Nov-2013	21-May-2015
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	13	21-Feb-2014	21-Aug-2015
2,4-dinitrotoluene (2,4-DNT)	204-450-0	121-14-2	14	21-Feb-2014	21-Aug-2015
Trichloroethylene	201-167-4	79-01-6	15	21-Oct-2014	21-Apr-2016
Chromium trioxide	215-607-8	1333-82-0	16	21-Mar-2016	21-Sep-2017
Acids generated from chromium trioxide and their oligomers	-	-	17	21-Mar-2016	21-Sep-2017
Chromic acid	231-801-5	7738-94-5	17	21-Mar-2016	21-Sep-2017
Oligomers of chromic acid and dichromic acid	-	-	17	21-Mar-2016	21-Sep-2017
Dichromic acid	236-881-5	13530-68-2	17	21-Mar-2016	21-Sep-2017
Sodium dichromate	234-190-3	10588-01-9, 7789-12-0	18	21-Mar-2016	21-Sep-2017
Potassium dichromate	231-906-6	7778-50-9	19	21-Mar-2016	21-Sep-2017
Ammonium dichromate	232-143-1	7789-09-5	20	21-Mar-2016	21-Sep-2017
Potassium chromate	232-140-5	7789-00-6	21	21-Mar-2016	21-Sep-2017
Sodium chromate	231-889-5	7775-11-3	22	21-Mar-2016	21-Sep-2017
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	23	22-Feb-2016	22-Aug-2017
Arsenic acid	231-901-9	7778-39-4	24	22-Feb-2016	22-Aug-2017
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	25	22-Feb-2016	22-Aug-2017
1,2-dichloroethane (EDC)	203-458-1	107-06-2	26	22-May-2016	22-Nov-2017
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	101-14-4	27	22-May-2016	22-Nov-2017
Dichromium tris(chromate)	246-356-2	24613-89-6	28	22-Jul-2017	22-Jan-2019
Strontium chromate	232-142-6	7789-06-2	29	22-Jul-2017	22-Jan-2019
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	30	22-Jul-2017	22-Jan-2019
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	31	22-Jul-2017	22-Jan-2019
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	32	04-Jan-2019	04-Jul-2020
Diisopentyl phthalate	210-088-4	605-50-5	33	04-Jan-2019	04-Jul-2020
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	34	04-Jan-2019	04-Jul-2020
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	35	04-Jan-2019	04-Jul-2020
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	36	04-Jan-2019	04-Jul-2020
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	37	04-Jan-2019	04-Jul-2020
Dipentyl phthalate	205-017-9	131-18-0	38	04-Jan-2019	04-Jul-2020
n-pentyl-isopentyl phthalate	933-378-9	776297-69-9	39	04-Jan-2019	04-Jul-2020
Anthracene oil	292-602-7	90640-80-5	40	04-Apr-2019	04-Oct-2020
Pitch, coal tar, high-temp.	266-028-2	65996-93-2	41	04-Apr-2019	04-Oct-2020
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	-	42	04-Jul-2019	04-Jan-2021
20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	219-682-8	2497-59-8	42	04-Jul-2019	04-Jan-2021
2-{2-[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethoxy}ethanol	621-341-7	2315-61-9	42	04-Jul-2019	04-Jan-2021
Polyethylene glycol p-(1,1,3,3-	618-344-0	9002-93-1	42	04-Jul-2019	04-Jan-2021

Substance name	EC No.	CAS No.	Entry No.	Latest appl. date	Sunset Date
tetramethylbutyl)phenyl ether					
Poly(oxy-1,2-ethanediyl), $\alpha$ -[(1,1,3,3-tetramethylbutyl)phenyl]- $\omega$ -hydroxy-	618-541-1	9036-19-5	42	04-Jul-2019	04-Jan-2021
2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol	621-345-9	2315-67-5	42	04-Jul-2019	04-Jan-2021
4-Nonylphenol, branched and linear, ethoxylated	-	-	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated (8-EO)	931-754-7	-	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated (6,5-EO)	931-753-1	-	43	04-Jul-2019	04-Jan-2021
Nonylphenol, branched, ethoxylated	500-209-1	68412-54-4	43	04-Jul-2019	04-Jan-2021
4-Nonylphenol, ethoxylated	500-045-0	26027-38-3	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated	500-024-6	9016-45-9	43	04-Jul-2019	04-Jan-2021
2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	230-770-5	7311-27-5	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated (10-EO)	931-755-2	-	43	04-Jul-2019	04-Jan-2021
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	604-395-6	14409-72-4	43	04-Jul-2019	04-Jan-2021
Nonylphenol, branched, ethoxylated (CAS# 68412-54-4)	932-688-1	-	43	04-Jul-2019	04-Jan-2021
Poly (oxy-1,2-ethanediyl), alpha - (nonylphenyl)-omega-hydroxy-, branched	932-337-2	68412-54-4	43	04-Jul-2019	04-Jan-2021
2-[2-(4-nonylphenoxy)ethoxy]ethanol	243-816-4	20427-84-3	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated (15-EO)	931-756-8	-	43	04-Jul-2019	04-Jan-2021
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-743-1	27942-27-4	43	04-Jul-2019	04-Jan-2021
2-(isononylphenoxy)ethanol	284-987-5	85005-55-6	43	04-Jul-2019	04-Jan-2021
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched	293-926-1	91648-64-5	43	04-Jul-2019	04-Jan-2021
Poly(oxy-1,2-ethanediyl), $\alpha$ -(nonylphenyl)- $\omega$ -hydroxy- (CAS 9016-45-9)	931-562-3	9016-45-9	43	04-Jul-2019	04-Jan-2021
4-Nonylphenol, branched, ethoxylated	932-098-4	127087-87-0	43	04-Jul-2019	04-Jan-2021
Nonylphenolpolyglycoether	932-998-7	-	43	04-Jul-2019	04-Jan-2021
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	687-832-3	1119449-37-4	43	04-Jul-2019	04-Jan-2021
2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol	687-833-9	1119449-38-5	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated (polymer)	938-618-6	-	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated (EO = 4)	-	-	43	04-Jul-2019	04-Jan-2021
Nonylphenol, ethoxylated (EO = 10)	939-993-9	-	43	04-Jul-2019	04-Jan-2021
2-(4-nonylphenoxy)ethanol	-	104-35-8	43	04-Jul-2019	04-Jan-2021
4-t-Nonylphenol-diethoxylate	-	156609-10-8	43	04-Jul-2019	04-Jan-2021
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	-	20636-48-0	43	04-Jul-2019	04-Jan-2021
17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol	-	34166-38-6	43	04-Jul-2019	04-Jan-2021
4-Nonylphenol, branched, ethoxylated	500-315-8	127087-87-0	43	04-Jul-2019	04-Jan-2021
29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol	248-294-1	27177-08-8	43	04-Jul-2019	04-Jan-2021
23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaoxatricosan-1-ol	248-293-6	27177-05-5	43	04-Jul-2019	04-Jan-2021
20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-292-0	27177-03-3	43	04-Jul-2019	04-Jan-2021
2-[2-(nonylphenoxy)ethoxy]ethanol	248-291-5	27176-93-8	43	04-Jul-2019	04-Jan-2021
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	247-816-5	26571-11-9	43	04-Jul-2019	04-Jan-2021
14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	247-555-7	26264-02-8	43	04-Jul-2019	04-Jan-2021
20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	265-785-6	65455-69-8	43	04-Jul-2019	04-Jan-2021
44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaquatetracontanol	260-678-0	57321-10-5	43	04-Jul-2019	04-Jan-2021
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	255-695-5	42173-90-0	43	04-Jul-2019	04-Jan-2021
2-(nonylphenoxy)ethanol	248-762-5	27986-36-3	43	04-Jul-2019	04-Jan-2021
Isononylphenol, ethoxylated	609-346-2	37205-87-1	43	04-Jul-2019	04-Jan-2021
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	44	27-Aug-2021	27-Feb-2023
Dihexyl phthalate	201-559-5	84-75-3	45	27-Aug-2021	27-Feb-2023

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1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	-	46	27-Aug-2021	27-Feb-2023
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	272-013-1	68648-93-1	46	27-Aug-2021	27-Feb-2023
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	271-094-0	68515-51-5	46	27-Aug-2021	27-Feb-2023
Trixylyl phosphate	246-677-8	25155-23-1	47	27-Nov-2021	27-May-2023
Sodium perborate, perboric acid, sodium salt	-	-	48	27-Nov-2021	27-May-2023
Perboric acid, sodium salt	234-390-0	11138-47-9	48	27-Nov-2021	27-May-2023
Sodium perborate	239-172-9	15120-21-5	48	27-Nov-2021	27-May-2023
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)	-	125022-34-6	48	27-Nov-2021	27-May-2023
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	-	90568-23-3	48	27-Nov-2021	27-May-2023
Perboric acid (H3BO2(O2)), monosodium salt, trihydrate	603-902-8	13517-20-9	48	27-Nov-2021	27-May-2023
Sodium peroxometaborate	231-556-4	7632-04-4	49	27-Nov-2021	27-May-2023
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]	-	-	50	27-Feb-2022	27-Aug-2023
Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	413-720-9	-	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-06-9	50	27-Feb-2022	27-Aug-2023
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	700-927-7	-	50	27-Feb-2022	27-Aug-2023
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	50	27-Feb-2022	27-Aug-2023
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	-	186309-28-4	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-05-8	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-	-	343934-04-3	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-09-2	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	-	343934-05-4	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-04-7	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-08-1	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-03-6	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-	-	676367-07-0	50	27-Feb-2022	27-Aug-2023

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methylpropyl)-, trans-					
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-02-5	50	27-Feb-2022	27-Aug-2023
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	601-499-3	117933-89-8	50	27-Feb-2022	27-Aug-2023
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	51	27-May-2022	27-Nov-2023
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	52	27-May-2022	27-Nov-2023
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	53	27-May-2022	27-Nov-2023
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	54	27-May-2022	27-Nov-2023
Tetraethyllead	201-075-4	78-00-2	55	01-Nov-2023	01-May-2025
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	209-218-2	561-41-1	56	01-Nov-2023	01-May-2025
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	57	01-Nov-2023	01-May-2025
Formaldehyde, reaction products with phenol heptyl derivs. and 1,3,4-thiadiazolidine-2,5-dithione	939-460-0	1471311-26-8	57	01-Nov-2023	01-May-2025
Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	300-298-5	93925-00-9	57	01-Nov-2023	01-May-2025
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	239-622-4	15571-58-1	58	01-Nov-2023	01-May-2025
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)	915-270-3	-	59	01-Nov-2023	01-May-2025

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