

Pulse Electronics manufactures products at Pulse Operations or with selected Manufacturing Partners

Pulse as a supplier of article, hereby declares, that part numbers reviewed does not contain any of the substances currently in the candidate list of substances of very high concern (SVHC) at concentrations above 0.1% weight by weight of the Article.

Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	28.10.2008	☐	☒
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	28.10.2008	☐	☒
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	28.10.2008	☐	☒
Anthracene	120-12-7	204-371-1	28.10.2008	☐	☒
Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	28.10.2008	☐	☒
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	28.10.2008	☐	☒
Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	28.10.2008	☐	☒
Cobalt dichloride	7646-79-9	231-589-4	28.10.2008	☐	☒
Diarsenic pentaoxide	1303-28-2	215-116-9	28.10.2008	☐	☒
Diarsenic trioxide	1327-53-3	215-481-4	28.10.2008	☐	☒
Dibutyl phthalate (DBP)	84-74-2	201-557-4	28.10.2008	☐	☒
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	247-148-4 221-695-9	28.10.2008	☐	☒
Lead hydrogen arsenate	7784-40-9	232-064-2	28.10.2008	☐	☒
Sodium dichromate	7789-12-0/ 10588-01-9	234-190-3	28.10.2008	☐	☒
Triethyl arsenate	15606-95-8	427-700-2	28.10.2008	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
2,4-Dinitrotoluene	121-14-2	204-450-0	13.01.2010	☐	☒
Anthracene oil	90640-80-5	292-602-7	13.01.2010	☐	☒
Anthracene oil, anthracene-low	90640-82-7	292-604-8	13.01.2010	☐	☒
Anthracene oil, anthracene paste	90640-81-6	292-603-2	13.01.2010	☐	☒
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	13.01.2010	☐	☒
Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	13.01.2010	☐	☒
Diisobutyl phthalate	84-69-5	201-553-2	13.01.2010	☐	☒
Lead chromate	7758-97-6	231-846-0	13.01.2010	☐	☒
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	13.01.2010	☐	☒
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	13.01.2010	☐	☒
Pitch, coal tar, high temp.	65996-93-2	266-028-2	13.01.2010	☐	☒
Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	13.01.2010	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Acrylamide	79-06-1	201-173-7	30.03.2010	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Trichloroethylene	79-01-6	201-167-4	18.06.2010	☐	☒
Boric acid	10043-35-3 / 11113-50-1	233-139-2 / 234-343-4	18.06.2010	☐	☒
Disodium tetraborate, anhydrous	1303-96-4/ 1330-43-4/ 12179-04-3	215-540-4	18.06.2010	☐	☒
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	18.06.2010	☐	☒
Potassium dichromate	7778-50-9	231-906-6	18.06.2010	☐	☒
Ammonium dichromate	7789-09-5	232-143-1	18.06.2010	☐	☒
Potassium chromate	7789-00-6	232-140-5	18.06.2010	☐	☒
Sodium chromate	7775-11-3	231-889-5	18.06.2010	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Cobalt(II) sulphate	10124-43-3	233-334-2	15.12.2010	☐	☒
Cobalt(II) dinitrate	10141-05-6	233-402-1	15.12.2010	☐	☒
Cobalt(II) carbonate	513-79-1	208-169-4	15.12.2010	☐	☒
Cobalt(II) diacetate	71-48-7	200-755-8	15.12.2010	☐	☒
2-Methoxyethanol	109-86-4	203-713-7	15.12.2010	☐	☒
2-Ethoxyethanol	110-80-5	203-804-1	15.12.2010	☐	☒
Chromium trioxide	1333-82-0	215-607-8	15.12.2010	☐	☒
Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	7738-94-5 - 13530-68-2	231-801-5 - 236-881-5	15.12.2010	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO

2-Ethoxyethyl acetate	111-15-9	203-839-2	20.6.2011	☐	☒
Strontium chromate	7789-06-2	232-142-6	20.6.2011	☐	☒
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	20.6.2011	☐	☒
Hydrazine	302-01-2 / 7803-57-8	206-114-9	20.6.2011	☐	☒
1-methyl-2-pyrrolidone	872-50-4	212-828-1	20.6.2011	☐	☒
1,2,3-trichloropropane	96-18-4	202-486-1	20.6.2011	☐	☒
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	20.6.2011	☐	☒
<u>Substance name</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>Date of inclusion</u>	<u>YES</u>	<u>NO</u>
Lead styphnate	15245-44-0	239-290-0	19.12.2011	☐	☒
Lead diazide	13424-46-9	236-542-1	19.12.2011	☐	☒
Lead dipicrate	6477-64-1	229-335-2	19.12.2011	☐	☒
Phenolphthalein	77-09-8	201-004-7	19.12.2011	☐	☒
2,2'-Dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	19.12.2011	☐	☒
N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	19.12.2011	☐	☒
Trilead diarsenate	3687-31-8	222-979-5	19.12.2011	☐	☒
Calcium arsenate	7778-44-1	231-904-5	19.12.2011	☐	☒
Arsenic acid	7778-39-4	231-901-9	19.12.2011	☐	☒
Bis(2-methoxyethyl) ether	111-96-6	203-924-4	19.12.2011	☐	☒
1,2-Dichloroethane	107-06-2	203-458-1	19.12.2011	☐	☒
4-(1,1,3,3-Tetramethylbutyl)phenol; 4-tert-octyl phenol	140-66-9	205-426-2	19.12.2011	☐	☒
2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	19.12.2011	☐	☒
Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	19.12.2011	☐	☒
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	19.12.2011	☐	☒
Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)*	-	-	19.12.2011	☐	☒
Aluminosilicate Refractory Ceramic Fibres (RCF)*	-	-	19.12.2011	☐	☒
Pentazinc chromate octahydroxide	49663-84-5	256-418-0	19.12.2011	☐	☒
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	19.12.2011	☐	☒
Dichromium tris(chromate)	24613-89-6	246-356-2	19.12.2011	☐	☒
<u>Substance name</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>Date of inclusion</u>	<u>YES</u>	<u>NO</u>
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	18.06.2012	☐	☒
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	18.06.2012	☐	☒
Diboron trioxide	1303-86-2	215-125-8	18.06.2012	☐	☒
Formamide	75-12-7	200-842-0	18.06.2012	☐	☒
Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	18.06.2012	☐	☒
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3	18.06.2012	☐	☒
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0	18.06.2012	☐	☒
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	18.06.2012	☐	☒
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	18.06.2012	☐	☒
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	18.06.2012	☐	☒
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	18.06.2012	☐	☒
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	18.06.2012	☐	☒
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	18.06.2012	☐	☒
<u>Substance name</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>Date of inclusion</u>	<u>YES</u>	<u>NO</u>
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	19.12.2012	☐	☒
Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	19.12.2012	☐	☒
Tricosafuorododecanoic acid	307-55-1	206-203-2	19.12.2012	☐	☒
Henicosafuoroundecanoic acid	2058-94-8	218-165-4	19.12.2012	☐	☒
Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	19.12.2012	☐	☒
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	19.12.2012	☐	☒
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	19.12.2012	☐	☒
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	19.12.2012	☐	☒
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7 14166-21-3	13149-00-3 201-604-9 236-086-3 238-009-9	19.12.2012	☐	☒

Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1	19.12.2012	☐	☒
Methoxyacetic acid	625-45-6	210-894-6	19.12.2012	☐	☒
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	19.12.2012	☐	☒
Diisopentylphthalate (DIPP)	605-50-5	210-088-4	19.12.2012	☐	☒
N-pentyl-isopentylphthalate	776297-69-9	-	19.12.2012	☐	☒
1,2-Diethoxyethane	629-14-1	211-076-1	19.12.2012	☐	☒
N,N-dimethylformamide	68-12-2	200-679-5	19.12.2012	☐	☒
Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	19.12.2012	☐	☒
Acetic acid, lead salt, basic	51404-69-4	257-175-3	19.12.2012	☐	☒
Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	19.12.2012	☐	☒
Lead oxide sulfate	12036-76-9	234-853-7	19.12.2012	☐	☒
[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	19.12.2012	☐	☒
Dioxobis(stearato)trilead	12578-12-0	235-702-8	19.12.2012	☐	☒
Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	19.12.2012	☐	☒
Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	19.12.2012	☐	☒
Lead cyanamidate	20837-86-9	244-073-9	19.12.2012	☐	☒
Lead dinitrate	10099-74-8	233-245-9	19.12.2012	☐	☒
Lead monoxide (lead oxide)	1317-36-8	215-267-0	19.12.2012	☐	☒
Orange lead (lead tetroxide)	1314-41-6	215-235-6	19.12.2012	☐	☒
Lead titanium trioxide	12060-00-3	235-038-9	19.12.2012	☐	☒
Lead titanium zirconium oxide	12626-81-2	235-727-4	19.12.2012	☐	☒
Pentalead tetraoxide sulphate	12065-90-6	235-067-7	19.12.2012	☐	☒
Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	19.12.2012	☐	☒
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8	272-271-5	19.12.2012	☐	☒
Silicic acid, lead salt	11120-22-2	234-363-3	19.12.2012	☐	☒
Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	19.12.2012	☐	☒
Tetraethyllead	78-00-2	201-075-4	19.12.2012	☐	☒
Tetralead trioxide sulphate	12202-17-4	235-380-9	19.12.2012	☐	☒
Trilead dioxide phosphonate	12141-20-7	235-252-2	19.12.2012	☐	☒
Furan	110-00-9	203-727-3	19.12.2012	☐	☒
Methyloxirane (Propylene oxide)	75-56-9	200-879-2	19.12.2012	☐	☒
Diethyl sulphate	64-67-5	200-589-6	19.12.2012	☐	☒
Dimethyl sulphate	77-78-1	201-058-1	19.12.2012	☐	☒
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	19.12.2012	☐	☒
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	19.12.2012	☐	☒
4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	19.12.2012	☐	☒
4,4'-oxydianiline and its salts	101-80-4	202-977-0	19.12.2012	☐	☒
4-Aminoazobenzene	60-09-3	200-453-6	19.12.2012	☐	☒
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	19.12.2012	☐	☒
6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	19.12.2012	☐	☒
Biphenyl-4-ylamine	92-67-1	202-177-1	19.12.2012	☐	☒
o-aminoazotoluene	97-56-3	202-591-2	19.12.2012	☐	☒
o-Toluidine	95-53-4	202-429-0	19.12.2012	☐	☒
N-methylacetamide	79-16-3	201-182-6	19.12.2012	☐	☒
1-bromopropane(n-propyl bromide)	106-94-5	203-445-0	19.12.2012	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Cadmium	7440-43-9	231-152-8	20.06.2013	☐	☒
Cadmium oxide	1306-19-0	215-146-2	20.06.2013	☐	☒

Dipentyl phthalate(DPP)	131-18-0	205-017-9	20.06.2013	☐	☒
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]	-	-	20.06.2013	☐	☒
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	20.06.2013	☐	☒
Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	20.06.2013	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Cadmium sulphide	1306-23-6	215-147-8	16.12.2013	☐	☒
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	16.12.2013	☐	☒
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)	1937-37-7	217-710-3	16.12.2013	☐	☒
Dihexyl phthalate	84-75-3	201-559-5	16.12.2013	☐	☒
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	16.12.2013	☐	☒
Lead di(acetate)	301-04-2	206-104-4	16.12.2013	☐	☒
Trixylyl phosphate	25155-23-1	246-677-8	16.12.2013	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Cadmium chloride	10108-64-2	233-296-7	16.6.2014	☐	☒
Sodium peroxometaborate	7632-04-4	231-556-4	16.6.2014	☐	☒
Sodium perborate; perboric acid, sodium salt	-	234-390-0/239-172-9	16.6.2014	☐	☒
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	16.6.2014	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Cadmium fluoride	7790-79-6	232-222-0	17.12.2014	☐	☒
Cadmium sulphate	10124-36-4/31119-53-6	233-331-6	17.12.2014	☐	☒
UV-320 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	17.12.2014	☐	☒
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	17.12.2014	☐	☒
UV328 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	17.12.2014	☐	☒
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17.12.2014	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	15.6.2015	☐	☒
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] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	-	15.6.2015	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
1,3-propanesultone	1120-71-4	214-317-9	17.12.2015	☐	☒
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	17.12.2015	☐	☒
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	17.12.2015	☐	☒
Nitrobenzene	98-95-3	202-716-0	17.12.2015	☐	☒
Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	17.12.2015	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Benzo[def]chrysene	50-32-8	200-028-5	20.06.2016	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	12.01.2017	☐	☒

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	-	-	12.01.2017	☐	☒
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	206-400-3 221-470-5	12.01.2017	☐	☒
p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-6	12.01.2017	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Perfluorohexane-1-sulphonic acid and its salts	-	-	07.07.2017	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	1/15/2018	☐	☒
Cadmium carbonate	513-78-0	208-168-9	1/15/2018	☐	☒
Cadmium hydroxide	21041-95-2	244-168-5	1/15/2018	☐	☒
Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	1/15/2018	☐	☒
Chrysene	218-01-9, 1719-03-5	205-923-4	1/15/2018	☐	☒
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"™) covering any of its individual anti- and syn-isomers or any combination thereof	-	-	1/15/2018	☒	☐
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)	-	-	1/15/2018	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	209-008-0	6/27/2018	☐	☒
Benzo[ghi]perylene	191-24-2	205-883-8	6/27/2018	☐	☒
Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	6/27/2018	☐	☒
Dicyclohexyl phthalate	84-61-7	201-545-9	6/27/2018	☐	☒
Disodium octaborate	12008-41-2	234-541-0	6/27/2018	☐	☒
Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	6/27/2018	☐	☒
Ethylenediamine	107-15-3	203-468-6	6/27/2018	☐	☒
Lead	7439-92-1	231-100-4	6/27/2018	☐	☒
Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	6/27/2018	☐	☒
Terphenyl, hydrogenated	61788-32-7	262-967-7	6/27/2018	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	1/15/2019	☐	☒
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	1/15/2019	☐	☒
Benzo[k]fluoranthene	207-08-9	205-916-6	1/15/2019	☐	☒
Fluoranthene	206-44-0; 93951-69-0	205-912-4	1/15/2019	☐	☒
Phenanthrene	85-01-8	201-581-5	1/15/2019	☐	☒
Pyrene	129-00-0; 1718-52-1	204-927-3	1/15/2019	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	-	-	7/16/2019	☐	☒
2-methoxyethyl acetate	110-49-6	203-772-9	7/16/2019	☐	☒

4-tert-butylphenol	98-54-4	202-679-0	7/16/2019	☐	☒
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	7/16/2019	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	1/16/2020	☐	☒
Diisohexyl phthalate	71850-09-4	276-090-2	1/16/2020	☐	☒
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	1/16/2020	☐	☒
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	1/16/2020	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	6/25/2020	☐	☒
butyl 4-hydroxybenzoate	94-26-8	202-318-7	6/25/2020	☐	☒
2-methylimidazole	693-98-1	211-765-7	6/25/2020	☐	☒
1-vinylimidazole	1072-63-5	214-012-0	6/25/2020	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
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 dioctyl tin dilaurate; stannane, dioctyl-, bis (coco acyloxy) derivs. EC No.: - CAS No.: - Stannane, dioctyl-, bis (coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648-39-4 Diocetyl tin dilaurate EC No.: 222-883-3 CAS No.: 3648-18-8	91648-39-4 3648-18-8	-	1/19/2021	☐	☒
Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	1/19/2021	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
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, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7 Phenol, 4-dodecyl, branched EC No.: - CAS No.: 210555-94-5 4-isododecylphenol EC No.: - CAS No.: 27459-10-5 Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1 Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7	121158-58-5 74499-35-7 210555-94-5 27459-10-5 57427-55-1 27147-75-7	-	7/8/2021	☐	☒
orthoboric acid, sodium salt boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5 Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2 Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4 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 (1:1) EC No.: - CAS No.: 14890-53-0	25747-83-5 22454-04-2 14312-40-4 1333-73-9 13840-56-7 14890-53-0	-	7/8/2021	☐	☒

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, C14-16, chloro EC No.: - CAS No.:1372804-76-6 Alkanes, C14-17, chloro EC No.:287-477-0 CAS No.:85535-85-9 di-, tri- and tetrachlorotetradecane EC No.:950-299-5 CAS No.: - Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2	1372804-76-6 85535-85-9 198840-65-2	-	7/8/2021	☐	☒
glutaral	111-30-8	203-856-5	7/8/2021	☐	☒
4,4'-(1-methylpropylidene)bisphenol	77-40-7	201-025-1	7/8/2021	☐	☒
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	75166-31-3 80-54-6 75166-30-2	-	7/8/2021	☐	☒
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) 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) EC No.: 253-057-0 CAS No.:36483-57-5 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) EC No.: - CAS No.:1522-92-5 2,2-bis(bromomethyl)propane-1,3-diol (BMP) EC No.:221-967-7 CAS No.: 3296-90-0 2,3-dibromo-1-propanol (2,3-DBPA) EC No.:202-480-9 CAS No.: 96-13-9	36483-57-5 1522-92-5 3296-90-0 96-13-9	-	7/8/2021	☐	☒
1,4-dioxane	123-91-1	204-661-8	7/8/2021	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	1/17/2022	☐	☒
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	255881-94-8	401-850-9	1/17/2022	☐	☒
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	204-327-1	1/17/2022	☐	☒
(±)-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) (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EG-Nr. : - CAS-Nr. : 1782069-81-1 (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EG-Nr. : - CAS-Nr. : 95342-41-9 (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EG-Nr. : - CAS-Nr. : 852541-25-4 (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one EG-Nr. : 253-242-6 CAS-Nr. : 36861-47-9 (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EG-Nr. : - CAS-Nr. : 741687-98-9 (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EG-Nr. : - CAS-Nr. : 852541-30-1 (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EG-Nr. : - CAS-Nr. : 852541-21-0	1782069-81-1 95342-41-9 852541-25-4 36861-47-9 741687-98-9 852541-30-1 852541-21-0	-	1/17/2022	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	6/10/2022	☐	☒
Substance name	CAS No.	EC No.	Date of inclusion	YES	NO
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	1/17/2023	☐	☒

Perfluoroheptanoic acid and its salts Ammonium perfluoroheptanoate EG-Nr. : 228-098-2 CAS-Nr. : 6130-43-4 potassium perfluoroheptanoate EG-Nr. : - CAS-Nr. : 21049-36-5 Perfluoroheptanoic acid EG-Nr. : 206-798-9 CAS-Nr. : 375-85-9 Sodium perfluoroheptanoate EG-Nr. : 243-518-4 CAS-Nr. : 20109-59-5	-	-	1/17/2023	☐	☒
Melamine	108-78-1	203-615-4	1/17/2023	☐	☒
Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	1/17/2023	☐	☒
bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate EG-Nr. : 247-426-5 CAS-Nr. : 26040-51-7	-	-	1/17/2023	☐	☒
Barium diboron tetraoxide	13701-59-2	237-222-4	1/17/2023	☐	☒
4,4'-sulphonyldiphenol	80-09-1	201-250-5	1/17/2023	☐	☒
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	1/17/2023	☐	☒
1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	1/17/2023	☐	☒