

Initial grounds for concern:

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Substance name	EC / List no	CAS no	Year	Evaluating Member State	Initial grounds for concern	Status	
1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	284-366-9	84852-53-9	2012	Sweden	Suspected PBT/vPvB High (aggregated) tonnage Wide dispersive use	Follow-up	
Benzene, mono-C10-13-alkyl derivs., distn. residues	284-660-7	84961-70-6	2014	Italy	Suspected PBT/vPvB Consumer use High (aggregated) tonnage Wide dispersive use	Concluded	
Diundecyl phthalate, branched and linear	287-401-6	85507-79-5	2014	Denmark	Suspected CMR High (aggregated) tonnage Other exposure/risk based concern	Concluded	
Alkanes, C14-17, chloro (MCCP, Medium chained chlorinated paraffins)	287-477-0	85535-85-9	2012	United Kingdom	Suspected PBT/vPvB High (aggregated) tonnage Wide dispersive use	Concluded	
Quaternary ammonium compounds, di-C16-18-alkyldimethyl, chlorides	295-835-2	92129-33-4	2015	Italy	Exposure of environment High (aggregated) tonnage Other exposure/risk based concern Wide dispersive use	Concluded	
1,1'-(isopropylidene)bis[3,5-dibromo-4-(2,3-dibromo-2-methylpropoxy)benzene]	306-832-3	97416-84-7	2017	Germany	Potential endocrine disruptor Suspected PBT/vPvB Exposure of environment	Concluded	
Benzenamine, reaction products with aniline hydrochloride and nitrobenzene	309-912-6	101357-15-7	2019	Germany	Suspected PBT/vPvB	Concluded	
Phenol, dodecyl-, branched	310-154-3	121158-58-5	2018	Germany	Potential endocrine disruptor	Concluded	
ACTREL 400	400-370-7	63231-51-6	2021	Finland	Suspected PBT/vPvB Exposure of environment	Ongoing	
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	2014	Belgium	Suspected PBT/vPvB Exposure of environment Wide dispersive use	Concluded	

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Reaction mass of O,O'-diisopropyl (pentathio)dithioformate and O,O'-diisopropyl (trithio)dithioformate and O,O'-diisopropyl (tetrathio)dithioformate ROBAC AS/100	403-030-6	137398-54-0		Belgium	Suspected PBT/vPvB	Concluded	
Ethyl 3,5-dichloro-4-hexadecyloxycarbonyloxybenzoate	404-740-9	115895-09-5	2016	Slovenia	Suspected PBT/vPvB Exposure of environment	Information requested	
Iso(C10-C14)alkyl (3,5-di-tert-butyl-4-hydroxyphenyl)methylthioacetate IRGANOX L 118	404-800-4	118832-72-7	2014	Germany	Suspected PBT/vPvB	Concluded	
a mixture of: cistetrahydro-2-isobutyl-4-methylpyran-4-ol,transtetrahydro-2-isobutyl-4-methylpyran-4-ol CIS/TRANS-TIMO; FLOROL; FLOROSA	405-040-6	63500-71-0	2012	Spain	High RCR Wide dispersive use	Concluded	
EDDHMAFEK	405-420-1	-	2021	Sweden	Suspected Reprotoxic Potential endocrine disruptor Suspected Sensitiser Consumer use Exposure of environment Exposure of workers Wide dispersive use	Concluded	
2-(phenylmethoxy)naphthalene BENZYL-2-NAPHTHYLEETHER; BETA-NAPHTHYLBENZYLEETHER (BON); BNE; BON; NIPAFAX BNE; SENSLON-50; ZO-1	405-490-3	613-62-7	2012	Czech Republic	Other hazard based concern High (aggregated) tonnage	Concluded	
4-(4-isopropoxyphenylsulfonyl)phenol D-8; DD-8	405-520-5	95235-30-6	2024	Belgium	Potential endocrine disruptor Other exposure/risk based concern	Not started	
Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3) ADDITIV 104	412-780-3	1380226-46-9		France	Suspected PBT/vPvB	Concluded	
bis(2-ethylhexyl) 4,4'-{6-[4-tert-butylcarbamoyl]anilino]-1,3,5-triazine-2,4-diyl}diimino}dibenzoate	421-450-8	154702-15-5	2015	Germany	Suspected PBT/vPvB Exposure of environment Wide dispersive use	Follow-up	
a mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives CD 28-0132; IRGALUBE 232	421-820-9	192268-65-8	2023	Netherlands	Suspected PBT/vPvB	Not started	
a mixture of: 4-(2,2,3-trimethylcyclopent-3-en-1-yl)-1-methyl-2-oxabicyclo[2.2.2]octane; 1-(2,2,3-trimethylcyclopent-3-en-1-yl)-5-methyl-6-oxabicyclo[3.2.1]octane; spiro[cyclohex-3-en-1-yl-[(4,5,6,6a-tetrahydro-3,6',6',6'a-tetramethyl)-1,3'(3'aH)-[2H]cyclopenta[b]furan]; spiro[cyclohex-3-en-1-yl-[4,5,6,6a-tetrahydro-4,6',6',6'a-tetramethyl)-1,3'(3'aH)-[2H]cyclopenta[b]]furan] CASSIFFIX	422-040-1	426218-78-2	2016	Spain	Suspected PBT/vPvB Exposure of environment High RCR	Information requested	
1,1,1,2,3,3-hexafluoro-3-methoxy-2-(trifluoromethyl)propane	422-270-2	-	2019	Spain	Suspected PBT/vPvB	Suspended	

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4,4'-(1,3-phenylene-bis(1-methylethylidene))bisphenol	428-970-4	13595-25-0	2014	Belgium	Suspected PBT/vPvB Other hazard based concern Consumer use Exposure of environment	Concluded	
methylethylketone peroxide trimer	429-320-2	24748-23-0	2019	Netherlands	PBT/vPvB	Information requested	
reaction mass of N,N'-ethane-1,2-diylbis(decanamide) and 12-hydroxy-N-[2-[(1-oxodecyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)	430-050-2	-	2017	Spain	Suspected PBT/vPvB Exposure of environment Wide dispersive use	Concluded	
Potassium titanium oxide (K2Ti6O13)	432-240-0	12056-51-8	2017	France	Carcinogenic Exposure of workers	Information requested	
3-({[(4-methylphenyl)sulfonyl]carbamoyl}amino)phenyl 4-methylbenzenesulfonate;N-(p-toluenesulfonyl)-N'-(3-(p-toluenesulfonyloxy)phenyl)urea	432-520-2	232938-43-1		Belgium	Suspected Reprotoxic Potential endocrine disruptor	Withdrawn	
3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)-hexane	435-790-1	297730-93-9	2018	Spain	Suspected PBT/vPvB Exposure of environment Wide dispersive use	Information requested	
Potassium 2-(3-trifluoromethoxy-1,1,2,2,3,3-hexafluoropropoxy)-2,3,3,3-tetrafluoropropionate	444-340-1	-	2017	Germany	Suspected PBT/vPvB Exposure of environment	Concluded	
Shale Oil Bitumen	447-780-2	-	2014	Estonia	Suspected CMR Suspected PBT/vPvB Exposure of environment Exposure of workers	Concluded	
mixture of two components: 1. N-(1,3-dimethylbutyl)-N´- phenyl-p-phenylenediamine 2. N1-(1,3-dimethylbutyl)-N4-(4-(1-methyl-1- phenylethyl)phenyl)benzene-1,4-diamine	448-020-2	-	2013	Slovakia	CMR Suspected PBT/vPvB High RCR	Concluded	
A mixture of: propan-2-one-O,O'(methoxyvinylsilandiyl)dioxime; propan-2-one-O-(dimethoxyvinylsilyl)oxime; propan-2-one-O,O',O''-(vinylsilantriyl)trioxime WASOX-VMAC2	458-680-3	797751-44-1	2019	Spain	Suspected PBT/vPvB Exposure of environment	Information requested	
Polyhaloalkene	468-710-7	754-12-1	2012	Germany	Other hazard based concern Exposure of environment High (aggregated) tonnage Wide dispersive use	Concluded	
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	-	2016	Belgium	Suspected PBT/vPvB Exposure of environment Wide dispersive use	Concluded	

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ammonium 2,2,3 trifluor-3-(1,1,2,2,3,3-hexafluoro-3-trifluormethoxypropoxy), propionate	480-310-4	-	2017	Germany	Suspected PBT/vPvB Exposure of environment Wide dispersive use	Concluded	
2-Ethoxy-3,3,4,4,5-pentafluoro-2,5-bis[(1,2,2,2-tetrafluoro-1-trifluoromethyl)ethyl] tetrahydrofuran	484-410-9	-	2019	Spain	Suspected PBT/vPvB	Ongoing	
Trade name: 3M(TM) NOVEC(TM) ENGINEERED FLUID HFE-7000	484-450-7	-	2019	Spain	Suspected PBT/vPvB	Suspended	
N-pentan-2-ylidenehydroxylamine	484-470-6	623-40-5	2022	Germany	Suspected Carcinogenic Other hazard based concern Consumer use Exposure of workers High (aggregated) tonnage Wide dispersive use	Ongoing	
2-[4-[2-[4-(2-hydroxyethoxy)phenyl]propan-2-yl]phenoxy]ethanol 1 - 4.5 moles ethoxylated	500-082-2	32492-61-8	2024	France	Suspected Mutagenic Potential endocrine disruptor Exposure of environment High (aggregated) tonnage Wide dispersive use	Not started	
4,4'-propane-2,2-diylldiphenol, polymer with 2-methyloxirane 1 - 4.5 moles propoxylated	500-097-4	37353-75-6	2013	Denmark	Suspected CMR High (aggregated) tonnage Wide dispersive use	Concluded	
Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated	500-209-1	68412-54-4	2016	United Kingdom	Potential endocrine disruptor Other hazard based concern High (aggregated) tonnage	Concluded	
BISPHENOL A POLYETHYLENE GLYCOL DIETHER DIMETHACRYLATE	609-946-4	41637-38-1		Germany	Suspected PBT/vPvB Exposure of environment	Withdrawn	
2,6,10-Trimethyldodecane (Farnesane)	622-542-2	3891-98-3		Austria	Suspected Mutagenic Suspected PBT/vPvB Suspected Sensitiser Consumer use Exposure of environment Exposure of workers	Withdrawn	
1-(2-hydroxy-5-nonyl(branched)-phenyl)ethanone oxime	627-083-1	244235-47-0	2015	Spain	Suspected PBT/vPvB High (aggregated) tonnage	Concluded	
1-Propene, 2-bromo-3,3,3-trifluoro-	627-872-0	1514-82-5	2019	Spain	Suspected Reprotoxic Potential endocrine disruptor	Concluded	

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2-Ethylhexyl trans-4-methoxycinnamate	629-661-9	83834-59-7	2016	Germany	Potential endocrine disruptor Suspected PBT/vPvB Consumer use Exposure of environment High (aggregated) tonnage Other exposure/risk based concern Wide dispersive use	Follow-up	
Fatty acids C18 unsat, reaction products with Pentaethylenehexamine	629-732-4	1224966-13-5	2015	Lithuania	Sensitiser Exposure of sensitive populations Exposure of workers	Concluded	
Amides, C18-unsatd., N-[2-(1-piperazinyl)ethyl]	629-767-5	1228186-18-2		Germany	Suspected PBT/vPvB Exposure of environment Wide dispersive use	Withdrawn	
reaction mass of mixed (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphates, ammonium salt	700-161-3	-	2013	Netherlands	Suspected PBT/vPvB	Ongoing	
bis(nonafluorobutyl)phosphinic acid	700-183-3	52299-25-9	2018	Germany	Suspected PBT/vPvB Other hazard based concern Exposure of environment	Concluded	
ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	700-242-3	62037-80-3	2017	Germany	Suspected PBT/vPvB Exposure of environment	Information requested	
ammonium difluoro[1,1,2,2-tetrafluoro-2-(pentafluoroethoxy)ethoxy]acetate	700-323-3	908020-52-0	2017	Germany	Suspected PBT/vPvB Exposure of environment	Concluded	
Ammonium salts of mono- and bis[3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl and/or poly (substituted alkene)] phosphate	700-403-8	-	2013	Belgium	Suspected PBT/vPvB Consumer use Wide dispersive use	Ongoing	
Mono- and/or di- and/or tri(1-phenylethyl)-m-cresol and p-cresol	700-427-9	-	2013	Belgium	Suspected PBT/vPvB Consumer use Wide dispersive use	Concluded	
Sepisol Fast Blue 85219	700-579-6	-	2017	Netherlands	Suspected PBT/vPvB Wide dispersive use	Information requested	
10-undecenyl 2-cyano-3,3-diphenylpropenoate	700-604-0	947701-81-7		Finland	Suspected PBT/vPvB Consumer use	Withdrawn	
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol [Previously registered as Phenol, methylstyrenated - EC N. 270-966-8 and CAS N. 68512-30-1]	700-960-7	-	2012	Denmark	Potential endocrine disruptor Suspected PBT/vPvB High (aggregated) tonnage Wide dispersive use	Information requested	

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1,2-benzenedicarboxylic acid, di-C10-12-branched alkyl esters	700-989-5	-	2014	Denmark	Suspected CMR High (aggregated) tonnage Other exposure/risk based concern	Concluded	
C16-(branched), C20-(branched) and C24-(branched)-alkanes	700-992-1	-	2014	Norway	Suspected PBT/vPvB Consumer use High (aggregated) tonnage Wide dispersive use	Information requested	
tris (4-nonylphenol, branch) phosphorous acid ester	701-028-2	-	2013	France	Suspected PBT/vPvB Consumer use Exposure of sensitive populations High (aggregated) tonnage High RCR Wide dispersive use	Information requested	
1-isocyanato-2(or 4)-(4-isocyanatobenzyl)benzene and their reaction products with [(methylethylene)bis(oxy)]dipropanol and butane-1,3-diol and propylene glycol	701-029-8	-		Estonia	CMR Sensitiser Consumer use Wide dispersive use	Withdrawn	
Hydrogenated rosin alcohols	701-057-0	2156595-41-2		Germany	Suspected PBT/vPvB Exposure of environment High RCR Wide dispersive use	Withdrawn	
Reaction mass of 2-methylpentane and Hexanol, branched and linear and diisopropyl ether	701-241-0, 906-390-7	-		Italy	Suspected PBT/vPvB Consumer use Exposure of environment High (aggregated) tonnage Wide dispersive use	Withdrawn	
Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50	701-251-5	-	2013	Netherlands	CMR Consumer use High (aggregated) tonnage Wide dispersive use	Concluded	
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane	701-263-0	-	2020	Denmark	Potential endocrine disruptor	Concluded	
Polyethylene polyamine, pentaethylenehexamine fraction	701-266-7	-	2018	Czech Republic	Sensitiser Consumer use High (aggregated) tonnage High RCR Wide dispersive use	Concluded	

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4,4'-methylenediphenyldiisocyanate and 2,4'-diisocyanatodiphenylmethane and their oligomerisation reaction products with 2,2'-oxydiethanol, propane-1,2-diol and butane-1,3-diol	701-276-1	-		Estonia	CMR Suspected PBT/vPvB Sensitiser Consumer use High (aggregated) tonnage Wide dispersive use	Withdrawn	
Reaction mass of 3-[(diphenoxyphosphoryl)oxy]phenyl triphenyl 1,3-phenylene bis(phosphate) and tetraphenyl 1,3-phenylene bis(phosphate)	701-337-2	-	2020	France	Suspected Reprotoxic Potential endocrine disruptor Suspected PBT/vPvB Consumer use Exposure of environment Exposure of workers High (aggregated) tonnage Wide dispersive use	Concluded	
Reaction products of diphenylamine with nonene, branched	701-385-4	-	2021	France	Suspected Mutagenic Suspected PBT/vPvB High (aggregated) tonnage	Ongoing	
(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	701-394-3	1782069-81-1	2020	Germany	Potential endocrine disruptor	Ongoing	
amides, C18-unsatd., N-[3-(dimethylamine)propyl]	800-353-8	1379524-06-7	2016	Germany	Suspected PBT/vPvB Other hazard based concern Exposure of environment High RCR Wide dispersive use	Concluded	
Reaction products of phosphoryl trichloride and 2-methyloxirane	807-935-0	1244733-77-4	2022	Denmark	Suspected Carcinogenic Suspected Reprotoxic Potential endocrine disruptor Consumer use Cumulative exposure High (aggregated) tonnage Wide dispersive use	Ongoing	
Tris(methylphenyl) phosphate	809-930-9	1330-78-5	2014	Netherlands	Suspected PBT/vPvB Other hazard based concern High (aggregated) tonnage Wide dispersive use	Concluded	

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Reaction mass of 1,3-diisopropylbenzene and 1,4-diisopropylbenzene	905-459-9	-	2023	France	Suspected Reprotoxic Suspected PBT/vPvB Other hazard based concern Exposure of environment Exposure of workers High (aggregated) tonnage	Not started	
reaction mass of ethylbenzene and m-xylene and p-xylene	905-562-9	-		Germany	Suspected Reprotoxic Suspected Sensitiser Other hazard based concern Consumer use Exposure of sensitive populations High (aggregated) tonnage High RCR Wide dispersive use	Withdrawn	
reaction mass of ethylbenzene and xylene	905-588-0	-		Germany	Suspected Reprotoxic Suspected Sensitiser Other hazard based concern Consumer use Exposure of sensitive populations High (aggregated) tonnage High RCR Wide dispersive use	Withdrawn	
Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate / methylene diphenyl diisocyanate	905-806-4	-	2015	Estonia	CMR Suspected PBT/vPvB Sensitiser Consumer use High (aggregated) tonnage Wide dispersive use	Concluded	
Reaction mass of 2-methylpent-2-ene and diisopropyl ether	906-484-8	-	2015	Slovenia	Suspected PBT/vPvB Exposure of environment High (aggregated) tonnage Wide dispersive use	Concluded	
Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol	907-745-9	-	2015	Belgium	Suspected PBT/vPvB High (aggregated) tonnage Wide dispersive use	Concluded	
reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	915-730-3	-	2017	France	Suspected Reprotoxic Potential endocrine disruptor Suspected PBT/vPvB Exposure of environment High RCR Wide dispersive use	Ongoing	

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2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol, oligomeric reaction products with Propylene oxide and n-butyl glycidyl ether	926-564-6	-	2016	Germany	Potential endocrine disruptor Suspected PBT/vPvB Exposure of environment	Follow-up	
HDI oligomers, isocyanurate	931-274-8	-	2014	Slovenia	Suspected PBT/vPvB High (aggregated) tonnage Wide dispersive use	Concluded	
Amines, C12-14-alkyldimethyl, N-oxides	931-292-6	308062-28-4		Ireland	Suspected Reprotoxic Other hazard based concern	Withdrawn	
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched)	931-384-6	-	2013	Slovenia	Suspected PBT/vPvB Consumer use High (aggregated) tonnage	Concluded	
Betaines, C12-14 (even numbered)-alkyldimethyl	931-700-2	66455-29-6	2024	France	Suspected Reprotoxic Other hazard based concern Consumer use Exposure of environment Exposure of workers High (aggregated) tonnage High RCR Wide dispersive use	Not started	
Imidazolium compounds, 2-C17-unsatd.-alkyl-1-(2-C18-unsatd. amidoethyl)-4,5-dihydro-N-methyl, Me sulfates	931-745-8	-	2014	Sweden	Suspected PBT/vPvB Exposure of environment High RCR	Follow-up	
Glycine, N,N'-1,2-ethanediylbis-, reaction products with formaldehyde, iron chloride (FeCl3) and phenol, potassium salts	938-828-8	1463474-95-4	2021	Sweden	Suspected Reprotoxic Potential endocrine disruptor Suspected Sensitiser Consumer use Exposure of environment Exposure of workers Wide dispersive use	Concluded	
5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-, reaction products with 1-nonanol	941-303-6	1689576-55-3	2024	France	Suspected Reprotoxic Potential endocrine disruptor Suspected PBT/vPvB Consumer use Exposure of environment	Not started	