

Danfoss Negative list - October 2017

Report date: 2017-11-27

CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
1003-07-2	Isothiazolin-3-one	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
100-42-5	Styrene	Solvent, manufacture of plastic and rubber products					D
10043-35-3	Boric acid	Boric acid is widely used on account of its consistency-influencing, flame-retarding, antiseptic and preservative properties. It is a component of detergents and cleaners, adhesives, toys, industrial fluids, brake fluids, glass ceramics, flame retardants	REACH Candidate List: 0.1%				D
10045-94-0	Mercuric nitrate	In lamps, electric switches, luminescent materials	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation: 73/2016	P
10099-74-8	Lead dinitrate	Used in manufacture of explosives, weapons and ammunitions, intermediate in preproduction of pigments and a laboratory agent	REACH Candidate List: 0.1%				D
10108-64-2	Cadmium chloride	Analytical chemistry, photography, dyeing and calico printing	REACH Candidate List: 0.1%				D
101-14-4	Dichloro-4,4'-methylenedianiline, 2,2'-	Mainly used as curing agent in resins and in the production of polymer articles and also for manufacture of other substances. The substance may further be used in construction and arts	REACH Candidate List, REACH Annex XIV, Annex XVII: 0,003% (30ppm)				P
10124-36-4	Cadmium sulphate	Used in metal surface coatings, in photovoltaic component manufacture, lead-acid batteries as a lubricant and as a laboratory agent. Also used as an intermediate in the production of other cadmium compounds, particularly pigments	REACH Candidate List: 0.1%				D

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10124-43-3	Cobalt(II) sulphate	Cobalt(II) sulphate is mainly used in the manufacture of other chemicals including pigments and possibly catalysts, driers. Further applications comprise surface treatments (such as electroplating), corrosion prevention, decolorization (in glass, pottery)	REACH Candidate List: 0.1%				D
10141-05-6	Cobalt(II) dinitrate	Cobalt(II) dinitrate is mainly used in the manufacture of other chemicals including catalysts. Further applications may include surface treatment and in batteries.	REACH Candidate List: 0.1%				D
101-55-3	Bromodiphenylether	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
101-61-1	Methylenedianiline, N,N,N',N'-tetramethyl-4,4'-(Michler's base)	Chemical intermediate in the manufacture of dyes and pigments and in the manufacture of its hydrochloric salt. May be used as an R&D reagent.	REACH Candidate List: 0.1%				D
101-68-8	Methylene diphenyl diisocyanate, 4,4'-(MDI)	In foam packaging systems, use allowed in embedding of electronics and in adhesives	REACH Annex XVII: 0.1%			Danfoss decision	P
101-77-9	Diaminodiphenylmethane, 4,4'-	Diaminodiphenylmethane (MDA) is used as a reagent in the manufacture of rubber, plastics, diisocyanates, dyes and adhesives. In this use it is normally substantially consumed by conversion to other chemicals. Historically, there is some evidence of trace r	REACH Candidate List, REACH Annex XIV, Annex XVII: 0,003% (30ppm)				P
101-80-4	Oxydianiline, 4,4'-	Production of polymers such as polyimides for uses in wiring, printed circuits, and other high temperature applications. Residues may remain in articles of this nature	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P

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102738-79-4	Propane, 2-Chloro-1,3-difluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
10294-40-3	Barium Chromate	Chromium pigments, chromated surfaces, corrosion inhibitors.	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
104-40-5	Nonylphenol, 4-	Surface active agents	REACH Annex XVII: 0.1%				P
10588-01-9	Sodium dichromate	This substance is an important reagent for the production of a wide range of chemicals. It is also used in metal finishing process, leather tanning and in some ceramics / glasses. This substance is very unlikely to be present in articles above 0.1% except	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
10606-46-9	Dicofol	Pesticide			Stockholm Convention		P
106-46-7	Dichlorobenzene (1,4-)	Air freshener, deodoriser	REACH Annex XVII: 1%				P
106-47-8	Chloroaniline, 4-	In dyes for textiles etc., packaging materials	REACH Annex XVII: 0,003% (30ppm)				P
1067-33-0	dibutyltin diacetate	In plasticizers and metals, antifouling agents (TBT)	REACH Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P
106-94-5	Bromopropane, 1- (n-propyl bromide)	This substance has been registered for REACH. According to the dissemination portal, it is used as an industrial solvent, surface cleaner and degreasing agent. Used in electronics industry for cleaning circuit boards.	REACH Candidate List: 0.1%, REACH Annex XIV				P
107-06-2	Ethane, 1,2-dichloro-	Mainly used for manufacture of other substances. Minor uses as solvent in the chemical and pharmaceutical industry.	REACH Candidate List, REACH Annex XIV				P
1072-35-1	Lead stearate	In pigments, additives, corrosion inhibitors		Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
108-46-3	Resorcinol	Manufacture of chemicals, rubber and plastic products					D
108-88-3	Toluene	Solvent	REACH Annex XVII: 0.1%			Only prohibited for use described in REACH Annex XVII	P
108-90-7	Chlorobenzene	Solvent, degreasing agent	REACH Annex XVII				P
109-86-4	Ethanol, 2-Methoxy-	2-methoxyethanol is mainly used as a chemical intermediate. Further minor uses are as a solvent or a laboratory chemical.	REACH Candidate List: 0.1%				D
110-00-9	Furan	Furan is used primarily as an intermediate in the synthesis and production of tetrahydrofuran, pyrrole, and thiophene. Furan is also used in the formation of lacquers, as a solvent for resins, and in the production of agricultural chemicals, stabilizers,	REACH Candidate List: 0.1%				D
110-71-4	Ethane, 1,2-dimethoxy-; ethylene glycol dimethyl ether (EGDME)	Used as an industrial and process solvent. Also used as a constituent within flexo gravure water-solvent based inks, lithographic plate developers and glass cleaning solvents. May be found in the electrolyte system of lithium batteries (including consumer	REACH Candidate List: 0.1%				D
110-80-5	Ethanol, 2-Ethoxy-	2-ethoxyethanol is mainly used as a chemical intermediate. Further minor uses are as a solvent or a laboratory chemical.	REACH Candidate List: 0.1%				D
110-82-7	Cyclohexane	Solvent in adhesives etc.	REACH Annex XVII: 0.1%				P
110-91-8	Morpholine	Biocide in lubricants				Danfoss decision	P
11096-82-5	Chlorodiphenyl (Arochlor 1260)	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P

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11097-69-1	Arochlor 1254	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P
11103-86-9	Potassium hydroxyoctaoxodizincatedichromate	Mainly used in coatings in the aeronautic/ aerospace, steel and aluminum coil coating and vehicle coating sectors.	REACH Candidate List, REACH Annex XIV				P
11113-50-1	Boric acid	Boric acid is widely used on account of its consistency-influencing, flame-retarding, antiseptic and preservative properties. It is a component of detergents and cleaners, adhesives, toys, industrial fluids, brake fluids, glass ceramics, flame retardants.	REACH Candidate List: 0.1%				D
111-15-9	Ethoxyethyl acetate, 2-	This substance is used as a solvent in some industrial adhesives and coatings, including wood stains, paints and varnishes. As a substance its use is prohibited in cosmetic products and must not be supplied to the general public.	REACH Candidate List: 0.1%				D
11120-22-2	Silicic acid, lead salt	Stabiliser used in production of pvc products	REACH Candidate List: 0.1%				D
111-42-2	diethanolamine	Corrosion protection, pH stabilizer				TRGS 611; 615, 0.2%	P
111512-56-2	Propane, 1,1-dichloro-1,2,3,3,3-pentafluoro- (HCFC-225eb)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
111-77-3	Ethanol 2-(2-methoxyethoxy) (DEGME)	Solvent in paints and degreasing agents	REACH Annex XVII: 0.1%				P
1118-46-3	butyltin trichloride (MBTC)	In plasticizers and metals, antifouling agents (TBT)	REACH Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
111-96-6	Bis(2-methoxyethyl) ether	Used primarily as a reaction solvent or process chemical in a wide variety of applications. Used also as solvent for battery electrolytes, and possibly in other products such as sealants, adhesives, fuels and automotive care products	REACH Candidate List, REACH Annex XIV				P
1120-71-4	Propanesultone, (1,3-)	Electrolyte fluid of lithium ion batteries	REACH Candidate List: 0.1%				D
112-34-5	Ethanol 2-(2-butoxyethoxy) (DEGBE)	Solvent in paints and degreasing agents	REACH Annex XVII: 0.1%				P
112-49-2	Ethane, (1,2-bis(2-methoxyethoxy))- (TEGDME; triglyme)	Used as an industrial and process solvent. May also be used as a constituent within flexo gravure water-solvent based inks, lithographic plate developers and glass cleaning solvents. May be found in the electrolyte system of lithium batteries (including c	REACH Candidate List: 0.1%				D
115-29-7	Endosulfan	Insecticide			Stockholm Convention		P
115-32-2	Dicofol	Pesticide			Stockholm Convention		P
115-96-8	Tris(2-chloroethyl)phosphate	Tris(2-chloroethyl)phosphate is mainly used as an additive plasticiser and viscosity regulator with flame-retarding properties for acrylic resins, polyurethane, polyvinyl chloride and other polymers. Other fields of application are adhesives, coatings, fl	REACH Candidate List, REACH Annex XIV				P
1163-19-5	Decabromodiphenylether, (2,2',3,3',4,4',5,5',6,6'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Candidate List: 0.1% REACH Annex XVII	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
117-81-7	Bis (2-ethylhexyl)phthalate (DEHP)	DEHP is widely used as a plasticizer for PVC (usually >> 1%). Plasticised PVC has a wide but diminishing use ranging from party clothing to gaskets, seals and medical devices. It should not be confused with UPVC, the plasticiser free version, which is use	REACH Candidate List, REACH Annex XIV	RoHS: 0.1% (2019)			P
117-82-8	Bis(2-methoxyethyl) phthalate	No registration for this phthalate compound has been submitted to ECHA. Hence, the substance seems not to be manufactured in or imported to the EU in quantities above 1 t/y. Main uses in the past were as plasticizer in polymeric materials and paints. lacq	REACH Candidate List: 0.1%, REACH Annex XIV				P
117964-21-3	Octabromodip henylether, (2,2',3,3',4,4',6,6'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		2003/11/EC; RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
118-74-1	Hexachlorobenzene (HCB)	Pesticide			Stockholm Convention		P
119-90-4	Dimethoxybenzidine, 3,3'-	In dyes for textiles etc., packaging materials	REACH Anex XVII: 0,003% (30ppm)				P
119-93-7	Dimethylbenzidine, 3,3'-	In dyes for textiles etc., packaging materials	REACH Anex XVII: 0,003% (30ppm)				P
12001-28-4	Crocidolite	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P
12001-29-5	Chrysotile	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P
12002-48-1	Trichlorobenzene	Solvent, degreasing agent	REACH Annex XVII: 0.1%				P

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120-12-7	Anthracene	Anthracene is normally a complex low concentration impurity or trace constituent in petroleum products. It has been found in some wood preservatives and fuels. This substance is very unlikely to feature in any supplied articles over 0.1%. Present in <i>signi</i>	REACH Candidate List: 0.1%				D
12036-76-9	Lead oxide sulfate	Used in lead batteries, pigments and paints, stabiliser for PVC	REACH Candidate List: 0.1%				D
12060-00-3	Lead titanium trioxide	Used in piezoelectric ceramics, pigments and paints	REACH Candidate List: 0.1%				D
12065-90-6	Pentalead tetraoxide sulphate	Used in manufacture of explosives, weapons and ammunitions, intermediate in preproduction of pigments and a laboratory agent.	REACH Candidate List: 0.1%				D
12069-00-0	Lead selenide	In pigments, additives, corrosion inhibitors		Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
120-71-8	Methoxy-m-toluidine, 6-	Used in dyeing of textiles and leather goods.	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
120-82-1	Trichlorobenzene	Solvent, degreasing agent	REACH Annex XVII: 0.1%				P
121-14-2	Toluene, 2,4-Dinitro-	2,4-dinitrotoluene is used in the production of toluene diisocyanate, which is used for the manufacture of flexible polyurethane foams. The substance is also used as gelatinizing-plasticizing agent for the manufacture of explosives.	REACH Candidate List, REACH Annex XIV				P
12122-67-7	Zineb	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2015				P
12141-20-7	Trilead dioxide phosphonate	Stabiliser used in production of pvc products.	REACH Candidate List: 0.1%				D
12172-73-5	Amosite	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings.	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P

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12179-04-3	Disodium tetraborate, anhydrous	Disodium tetraborate and tetraboron disodium heptaoxide form the same compounds in aqueous solutions. Uses include a multitude of applications, e.g. in detergents and cleaners, in glass and glass fibers, ceramics, industrial fluids, metallurgy, adhesives,	REACH Candidate List: 0.1%				D
12202-17-4	Tetralead trioxide sulphate	Stabiliser used in production of pvc products.	REACH Candidate List: 0.1%				D
12267-73-1	Tetraboron disodium heptaoxide, hydrate	Disodium tetraborate and tetraboron disodium heptaoxide form the same compounds in aqueous solutions. Uses include a multitude of applications, e.g. in detergents and cleaners, in glass and glass fibers, ceramics, industrial fluids, metallurgy, adhesives,	REACH Candidate List: 0.1%				D
123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	This substance is used as a catalyst, in the production of electrical equipment and as an industrial blowing agent in the production of rubber and plastic products. It may also be used in adhesives, paints and coatings and consumer-use air fresheners.	REACH Candidate List: 0.1%				D
12427-38-2	Maneb	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2012				P
124-72-1	Bromotetrafluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
124-73-2	Dibromotrafluoroethane (Halon-2402), 1,2-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
12578-12-0	Dioxobis(stearato)trilead	Stabiliser used in production of pvc products	REACH Candidate List: 0.1%				D
126-11-4	Trihydroxymethylnitromethane	Biocide in lubricants				Danfoss decision; 0.005% free formaldehyde	P

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12626-81-2	Lead titanium zirconium oxide	This substance is used in the production of lead titanate zirconate, in electro-ceramic components and piezoceramics. It may be present in such articles above 0.1% w/w	REACH Candidate List: 0.1%				D
12656-85-8	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) is used as a colouring, painting and coating agent in sectors such as the rubber, plastic and paints, coatings and varnishes industries. Applications comprise the production of agricultural equip	REACH Candidate List, REACH Annex XIV, Annex XVII: Prohibited in paint				P
12672-29-6	Arochlor 1248	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P
127-18-4	Tetrachloroethylene ("PER")	Solvent, degreasing agent				Danfoss decision (1985)	P
127-19-5	N,N-dimethylacetamide	Used as solvent, mainly in the manufacture of various substances and in the production of fibres for clothing and other applications. Also used as reagent, and in products such as industrial coatings, polyimide films, paint strippers and ink removers.	REACH Candidate List: 0.1%				D
127564-83-4	Dichlorotetrafluoropropane (HCFC-234)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
127564-92-5	Dichloropentafluoropropane (HCFC-225)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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12767-79-2	Arochlor	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P
12789-03-6	Chlordane	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2009		Stockholm Convention		P
128903-21-9	Propane, 2,2-dichloro-1,1,1,3,3-pentafluoro- (HCFC-225a)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
1303-28-2	Diarsenic pentaoxide	Diarsenic pentoxide is used in the manufacture of arsenates, old or non-EU weed killer, metal adhesives and specialist insecticides, fungicides, and wood preservatives. Note that use of arsenic compounds is severely restricted already. It has been used	REACH Candidate List, REACH Annex XIV				P
1303-86-2	Diboron trioxide	Wide range of registered uses including soldering and welding agents, protective chemicals, in wood stone, plaster, cement, ceramic and glass articles; inks, varnishes, paints, coatings, fertilizers, vehicle and machinery parts, batteries, leather and toy.	REACH Candidate List: 0.1%				D
1303-96-4	Disodium tetraborate, anhydrous	Disodium tetraborate and tetraboron disodium heptaoxide form the same compounds in aqueous solutions. Uses include a multitude of applications, e.g. in detergents and cleaners, in glass and glass fibers, ceramics, industrial fluids, metallurgy, adhesives,	REACH Candidate List: 0.1%				D
1306-19-0	Cadmium oxide	Nickel- cadmium batteries, Pigments for plastics, Low melting alloys, Electroplating, Solder, Semiconductors, Stabilizers in PVC	REACH Candidate List: 0.1%				D

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1306-23-6	Cadmium sulphide	Pigment for ceramics and glass and in photo electronic applications such as solar cells.	REACH Candidate List: 0.1%				D
1309-60-0	Lead(IV)oxide	In pigments, additives, corrosion inhibitors		Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
131-18-0	Dipentyl phthalate (DPP)	Plasticiser	REACH Candidate List: 0.1%, REACH Annex XIV				P
1314-41-6	Orange lead (lead tetroxide)	Used in anti-corrosion coatings (red lead primer), also used in optical glass, ceramic glazes and enamel, to make piezofiles, and as a weak oxidizer in the chemical industry	REACH Candidate List: 0.1%				D
1314-87-0	Lead(II)sulfide	In pigments, additives, corrosion inhibitors		Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
13149-00-3	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans	Used as hardeners for epoxy resins, intermediates for alkyds, plasticizers, insect repellents and rust inhibitors	REACH Candidate List: 0.1%				D
131-52-2	Pentachlorophenol, Sodium salt	Pesticide			Stockholm Convention		P
1317-36-8	Lead monoxide (lead oxide)	Glass and crystal making, ceramics, lead acid batteries, pigments and paints, vulcanisation of rubber, manufacture of cathode ray tubes, organic synthesis	REACH Candidate List: 0.1%				D

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1319-46-6	Trilead bis(carbonate)dihydroxide	Pigment in paints and ceramic glazes. Catalyst in the preparation of polyesters from terephthalic acid and diols, curing agent for peroxides to form improved polyethylene wire insulation, pearlescent pigment, color-changing component of temperature-sensit	REACH Candidate List: 0.1%				D
132207-32-0	Chrysotile	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P
1327-53-3	Diarsenic trioxide	This substance is used in lead alloys (especially in lead-acid batteries), glass (and, to a lesser extent, enamel) production and as a source of high-purity arsenic for use in the electronics industry	REACH Candidate List, REACH Annex XIV				P
1330-43-4	Disodium tetraborate, anhydrous	Disodium tetraborate and tetraboron disodium heptaoxide form the same compounds in aqueous solutions. Uses include a multitude of applications, e.g. in detergents and cleaners, in glass and glass fibers, ceramics, industrial fluids, metallurgy, adhesives,	REACH Candidate List: 0.1%				D
1330-45-6	Chlorotrifluoroethane (HCFC-133)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
1330-78-5	Tricresylphosphate (all isomers including ortho)	Plasticizer additives in nitrocellulose, PVC, flame retardant, additive in oils, acrylate lacquers, varnishes.				Danfoss decision. Ortho-TCP: 0.5%. The sum of Meta- and Para-TCP: 5%.	P
1332-21-4	Asbestos	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
1333-82-0	Chromium trioxide	Chromium trioxide is mainly used in metal finishing, such as electroplating (e.g. hard chrome and decorative plating), conversion coatings and brightening. It is also used as a fixing agent in waterborne wood preservatives. Minor uses are e.g. in the manu	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
1336-36-3	Polychlorinated biphenyls (PCB)	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P
134190-48-0	Pentachlorofluoropropane (HCFC-231)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134190-49-1	Tetrachlorofluoropropane (HCFC-241)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134190-50-4	Chlorotetrafluoropropane (HCFC-244)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134190-51-5	Trichlorofluoropropane (HCFC-251)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134190-52-6	Dichlorodifluoropropane (HCFC-252)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134190-53-7	Chlorodifluoropropane (HCFC 262)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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134190-54-8	Chlorofluoropropane (HCFC-271)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-31-3	Pentachlorotrifluoropropane (CFC-213)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-32-4	Tetrachlorofluoroethane (HCFC-121)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-34-6	Trichlorofluoroethane (HCFC-131)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-35-7	Hexachlorofluoropropane (HCFC-221)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-36-8	Pentachlorodifluoropropane (HCFC-222)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-37-9	Tetrachlorotrifluoropropane (HCFC-223)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-38-0	Trichlorotetrafluoropropane (HCFC-224)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-39-1	Tetrachlorodifluoropropane (HCFC-232)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-40-4	Trichlorotrifluoropropane (HCFC-233)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
134237-41-5	Chloropentafluoropropane (HCFC-235)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-42-6	Trichlorodifluoropropane (HCFC-242)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-43-7	Dichlorotrifluoropropane (HCFC-243)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-44-8	Chlorotrifluoropropane (HCFC-253)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-45-9	Dichlorofluoropropane (HCFC-261)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
134237-50-6	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	This substance is a flame retardant for plastics and fibres. It is used to produce flame retarded polystyrene and to flame proof some clothing and furniture textiles. A narrow use profile but there is a significant possibility that flame resistant polysty	REACH Candidate List, REACH Annex XIV				P
134237-51-7	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	This substance is a flame retardant for plastics and fibres. It is used to produce flame retarded polystyrene and to flame proof some clothing and furniture textiles. A narrow use profile but there is a significant possibility that flame resistant polysty	REACH Candidate List, REACH Annex XIV				P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
134237-52-8	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	This substance is a flame retardant for plastics and fibres. It is used to produce flame retarded polystyrene and to flame proof some clothing and furniture textiles. A narrow use profile but there is a significant possibility that flame resistant polysty	REACH Candidate List, REACH Annex XIV				P
13424-46-9	Lead diazide, Lead azide	Mainly used as initiator or booster in detonators for both civilian and military uses and as initiator in pyrotechnic devices.	REACH Candidate List: 0.1%				D
134308-72-8	Chlorohexafluoropropane (HCFC-226)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
1344-36-1	Lead hydroxidcarbonate	In pigments, additives, corrosion inhibitors		Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	Lead sulfochromate yellow (C.I. Pigment Yellow 34) is used as a colouring, painting and coating agent in sectors such as the rubber, plastic and paints, coatings and varnishes industries. Applications comprise the production of agricultural equipment, veh	REACH Candidate List, REACH Annex XIV; Annex XVII: Prohibited in paint				P
1344-48-5	Mercuric sulfide	In lamps, electric switches, luminescent materials	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation: 73/2016	P
13474-88-9	Propane, 1,1-dichloro-1,2,2,3,3-pentafluoro- (HCFC-225cc)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
13530-65-9	Zinc Chromate	Chromium pigments, chromated surfaces, corrosion inhibitors.	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
13530-68-2	Chromium 6+ compounds	Chromium pigments, chromated surfaces, corrosion inhibitors.	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
135401-87-5	Heptachlorofluoropropane (CFC-211)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
136013-79-1	Propane, 1,3-dichloro-1,1,2,3,3-pentafluoro- (HCFC-225ea)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
13654-09-6	Decabromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
136677-10-6	Polychlorinated dibenzofuranes	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
137-17-7	Trimethylaniline, 2,4,5-	In dyes for textiles etc., packaging materials	REACH Anex XVII: 0,003% (30ppm)				P
137-26-8	Thiram	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2014				P
137-42-8	Metam Natrium	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2013				P
13765-19-0	Calcium chromate	Chromium pigments, chromated surfaces, corrosion inhibitors.	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
13814-96-5	Lead bis(tetrafluoroborate)	Used as a catalyst in production of linear polyesters, a curing agent for epoxy resins; in electroplating solutions for coating metals with lead, in manufacturing flame-retardants, for electrolytic generation of boron, and in preparations for glazing frit	REACH Candidate List: 0.1%				D
138495-42-8	Decafluoropentane (HFC-43-10mee)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
139-65-1	Thiodianiline, 4,4'-	In dyes for textiles etc., packaging materials	REACH Annex XVII: 0,003% (30ppm)				P
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	Mainly used in the manufacture of polymer preparations and of ethoxylates. Further used as a component in adhesives, coatings, inks and rubber articles	REACH Candidate List: 0.1%				D
14166-21-3	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans	Used as hardeners for epoxy resins, intermediates for alkyds, plasticizers, insect repellents and rust inhibitors	REACH Candidate List: 0.1%				D
14275-57-1	Bis(tributyltin) maleate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
143-50-0	Chlordecone	Pesticide			Stockholm Convention		P
143860-04-2	Oxazolidine, (3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-	The chemical's proposed use is in high-solids polyurethane coatings as a reactive	REACH Candidate List: 0.1%				D
1461-22-9	Tributyltin chloride	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
1461-25-2	Tetrabutyltin	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
147217-75-2	Tribromodiphenylether, (2,2',4-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
14797-65-0	Nitrite	Risk of carcinogenic nitrosamine formation when used as an inhibitor in cutting fluids				Danfoss decision. Applies only to use in cutting fluids (20 ppm)	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
1511-62-2	Bromodifluoromethane (HBFC-12B1)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
15245-44-0	Lead styphnate	Mainly used as a primer for small calibre and rifle ammunition. Other common uses are in munition pyrotechnics, powder actuated devices and detonators for civilian use.	REACH Candidate List: 0.1%				D
15546-11-9	dibutyltin bis(methylmaleate)	In plasticizers and metals, antifouling agents (TBT)	REACH Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P
15571-58-1	Stannatetradecanoate, (2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-) (DOTE)	Present in a reaction mass with the corresponding monoocetyl tin compound ,MOTE : used as a heat stabilizer in the production of rigid PVC and some other plastics; found in some adhesives and pigment dispersions. Reference material for laboratory use.	REACH Candidate List: 0.1%				D
15606-95-8	Triethyl arsenate	This substance is used in the manufacture of semiconductors and has been used in the production of wood preservatives. In both cases the final quantity of the compound in a finished article is expected to be less than 0.1%	REACH Candidate List: 0.1%, Annex XVII				D
15739-80-7	Lead sulfate	In pigments, additives, corrosion inhibitors	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
15972-60-8	Alachlor	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2019				P
1599-41-3	Trichloropentafluoropropane (CFC-215)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
1649-08-7	Dichlorodifluoroethane (HCFC-132b)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
1717-00-6	Dichlorofluoroethane (HCFC-141b)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
1746-01-6	Tetrachlorodibenzo-p-dioxin, (2,3,7,8-)	Incineration and combustion pollutant			Stockholm Convention		P
17570-76-2	Lead(II) bis(methanesulfonate)	Main application is tin-lead electroplating on printed circuit boards. This application is in decline owing to the restrictions on lead in electrical products as regulated in the EU by RoHS (2011/65/EU)	REACH Candidate List: 0.1%				D
1763-23-1	PFOS (Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride (PFOS-F))	In fire extinguishing equipment, surface treatment			Stockholm Convention		P
1803-12-9	Triphenyltin N,N'-dimethyldithiocarbamate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
182346-21-0	Pentabromodiphenylether, (2,2',3,4,4'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
1836-75-5	Nitrofen	Herbicide	EU Reg. 540/2011 EC Reg. 1107/2009				P
1842-05-3	Dichlorodifluoroethane (HCFC-132c)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
1868-53-7	Dibromofluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
189084-61-5	Tetrabromodiphenylether, (2,3'4,4'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
189084-64-8	Pentabromodiphenylether, (2,2',4,4',6-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
189-55-9	Dibenzo(a,i)pyrene (DB(a,i)P)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P
189-64-0	Dibenzo(a,h)pyrene (DB(a,h)P)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P
1912-24-9	Atrazine	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2017				P
191-24-2	Benzo(ghi)perylene	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P
191-30-0	Dibenzo(a,l)pyrene (DB(a,l)P)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P
192-65-4	Dibenzo(a,e)pyrene (DB(a,e)P)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
192-97-2	Benzo(e)pyrene (BeP)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
193-39-5	Indeno(1,2,3-cd)pyrene	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs					P
1937-37-7	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)	Direct Black 38 is a benzidine-based dye	REACH Candidate List: 0.1%				D
19438-60-9	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isom	Curing agent for epoxy resins, especially in the electric and electronics field	REACH Candidate List: 0.1%				D
194-59-2	Dibenzo(c,g)carbazole, 7H-(7H-DB(c,g)C)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs					P
1983-10-4	Tributyltin fluoride	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
2050-47-7	Dibromodiphenylether	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
2052-07-5	Biphenyl, 2-bromo-	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
205-82-3	Benzo(j)fluoranthene (BjFA)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
2058-94-8	Henicosafuoroundecanoic acid	Processing aids in the production of fluoropolymers and fluoroelastomers and in other surfactant uses / impurity	REACH Candidate List: 0.1%				D
205-99-2	Benzo(b)fluoranthene (BbFA)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
207-08-9	Benzo(k)fluoranthene (BkFA)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
207122-15-4	Hexabromodiphenylether, (2,2',4,4',5,6'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
207122-16-5	Heptabromodiphenylether, (2,2',3,4,4',5',6-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
20837-86-9	Lead cyanamidate	Pigment, lubricant additive	REACH Candidate List: 0.1%				D
21049-39-8	Perfluorononan-1-oic-acid and its sodium and ammonium salts	Processing aid for fluoropolymer manufacture/lubricating oil additive/surdactant for fire extinguishers/cleaning agent/textile antifouling finishing agent/polishing surfactant/waterproofing agents and in liquid crystal display panels	REACH Candidate List: 0.1%				D
2113-57-7	Bromobiphenyl, (3-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
2155-70-6	Tributyltin methacrylate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
218-01-9	Chrysen (CHR)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
21908-53-2	Mercuric(II)oxide	In lamps, electric switches, luminescent materials	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation: 73/2016	P
2224-44-4	Morpholine, 4-(2-nitrobutyl)-	Biocide in lubricants				Danfoss decision; 0.005% free formaldehyde	P
224-42-0	Dibenz(a,j)acridine (DB(a,j)AC)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P
2252-78-0	Bromohexafluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
226-36-8	Dibenz(a,h)acridine (DB(a,h)AC)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P
2268-46-4	Tetrachlorotetrafluoropropane, 1,1,1,3-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
2279-76-7	Tripopyl tin chloride	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
2354-06-5	Pentachlorotrifluoropropane (CFC-213)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
2382-20-4	Isothiazol-3-one, 2-Methyl-2H	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
2385-85-5	Mirex	Pesticide, flame retardant			Stockholm Convention		P
24124-25-2	Stannane, tributyl(1-oxo-9,12-octadecadienoyl)	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
2437-79-8	PCB47	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P
2451-62-9	Triazinane-2,4,6-trione, (1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-), (TGIC)	Epoxy compound. Used as hardener in resins and coatings. May be used in solder mask applications in production of printed circuit boards. Also used in weather resistant polyester-based powder coatings. May be found in electrical insulation materials, adhe	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
24613-89-6	Dichromium tris(chromate)	Mainly used in mixtures for metal surface treatment in the aeronautic/aerospace, steel and aluminum coating sectors.	REACH Candidate List, REACH Annex XIV				P
25154-52-3	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 c	Surface active agents	REACH Annex XVII: 0.1%				P
25155-23-1	Trixylyl phosphate	Flame retardant	REACH Candidate List: 0.1%				D
25167-88-8	Dichlorodifluoroethane (HCFC-141)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
25214-70-4	Formaldehyde, oligomeric reaction products with aniline	Mainly used for manufacture of other substances. Minor uses are as hardener for epoxy resins, e.g. for the production of rolls, pipes and molds, and as well for adhesives.	REACH Candidate List, REACH Annex XIV				P
2536-05-2	Methylenediphenyl diisocyanate	Foam packaging	REACH Annex XVII, 0.1%			Danfoss decision	P
25497-29-4	Chlorodifluoroethane (HCFC-142)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
2551-62-4	SF6 (Sulfurhexafluoride)		EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
25550-51-0	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isom	Curing agent for epoxy resins, especially in the electric and electronics field	REACH Candidate List: 0.1%				D
25637-99-4	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	This substance is a flame retardant for plastics and fibres. It is used to produce flame retarded polystyrene and to flame proof some clothing and furniture textiles. A narrow use profile but there is a significant possibility that flame resistant polysty	REACH Candidate List, REACH Annex XIV		Stockholm Convention		P
2580-56-5	Dimethylammonium chloride, [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]- (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EU No. 202-027-5) or Michler's base (EU No. 202-050-2)]	Colorant with uses that may include dyes and inks, including in ball point pens and printer cartridges, cosmetics such as soaps, dyeing of paper, card, plastic, wood, lacquers and coatings, analytical / R&D/diagnostic uses.	REACH Candidate List: 0.1%				D
25915-78-0	Dichlorodifluoroethane (HCFC-132)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
25973-55-1	Phenol, (2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentyl-) (UV-328)	Used as an additive; a UV absorber used particularly in transparent plastics. Also used for light- stabilizing rubbers and plastics, and in coatings for wood and the automotive sector. Some use in cosmetics	REACH Candidate List: 0.1%				D
26172-54-3	Isothiazolin-3-one, 2-Methyl-4	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
26172-55-4	Isothiazolin-3-one, 5-Chlor-2-	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
2634-33-5	Benzisothiazol-3-one, 1,2-	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
26354-18-7	Stannane, tributylmethacrylate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
26401-86-5	octyltin tris(isooctyl mercaptoacetate)	In plasticizers and metals, antifouling agents (TBT)	REACH Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P
26447-40-5	Methylenediphenyl diisocyanate	Foam packaging	REACH Annex XVII, 0.1%			Danfoss decision	P
26530-03-0	Isothiazol-3-one, 5-Chlor-2-m	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
26530-20-1	Isothiazol-3-one, 2-N-octyl-2,3-dihydroxy-	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
26636-01-1	dimethyltin bis(isooctyl mercaptoacetate)	In plasticizers and metals, antifouling agents (TBT)	REACH Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
26636-32-8	Tributyltinphthalate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
2682-20-4	Isothiazolin-3-one, 2-Methyl-4	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
2682-20-5	Isothiazolin-3-one, 2-Ethyl-4	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
2713-09-9	Dichloropentafluoropropane (HCFC-225)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
27154-33-2	Trichlorofluoroethane (HCFC-131)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
27323-18-8	Kanechlor 500	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P
27858-07-7	Octabromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
2837-89-0	Monochlorotetrafluoroethane (HCFC-124)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
29172-55-4	Isothiazoline	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
29255-31-0	Tetrachlorotetrafluoropropane (CFC214)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
301-04-2	Lead di(acetate)	This substance may be found in paints and coatings, fillers and plasters, as an intermediate and as a laboratory reagent	REACH Candidate List: 0.1%				D
302-01-2	Hydrazine	Hydrazine is used as a foaming agent, as a precursor to polymerization catalysts and pharmaceuticals. Additionally, hydrazine is used in various rocket fuels and to prepare the gas precursors used in air bags. Hydrazine is also used as a corrosion inhibitor	REACH Candidate List: 0.1%				D
30283-91-1	Bromotrifluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
306-83-2	Dichlorotrifluoroethane (HCFC-123)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
307-55-1	Tricosafuorododecanoic acid	Processing aids in the production of fluoropolymers and fluoroelastomers and in other surfactant uses / impurity. Laboratory chemical.	REACH Candidate List: 0.1%				D
309-00-2	Aldrin	Pesticide			Stockholm Convention		P
3090-35-5	Stannane, tributyl(oleoyloxy)	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
3090-36-6	Tributyltin laurate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
3108-42-7	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	Lubricant, wetting agent, plasticiser and	REACH Candidate List 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
31119-53-6	Cadmium sulphate	Used in metal surface coatings, in photovoltaic component manufacture, lead-acid batteries as a lubricant and as a laboratory agent. Also used as an intermediate in the production of other cadmium compounds, particularly pigments	REACH Candidate List: 0.1%				D
311-89-7	Perfluorotributylamine (PFTBA)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
31392-96-8	Dibromodifluoroethane (Halon 2202)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
31732-71-5	Bis(tributyltin) 2,3-dibromosuccinate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
3182-26-1	Hexachlorodifluoropropane (CFC-212)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
3194-55-6	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	This substance is a flame retardant for plastics and fibres. It is used to produce flame retarded polystyrene and to flame proof some clothing and furniture textiles. A narrow use profile but there is a significant possibility that flame resistant polysty	REACH Candidate List, REACH Annex XIV		Stockholm Convention		P
319-84-6	Alpha hexachlorocyclohexane	Pesticide			Stockholm Convention		P
319-85-7	Beta hexachlorocyclohexane	Pesticide			Stockholm Convention		P
32534-81-9	Pentabromodiphenylethers	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		2003/11/EC; RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
32536-52-0	Octabromodiphenylethers	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		2003/11/EC; RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
32598-13-3	PCB77	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention: 0.005%		P
32774-16-6	PCB169	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention: 0.005%		P
330-55-2	Linuron	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2016				P
33213-65-9	Endosulfan	Insecticide			Stockholm Convention		P
335-67-1	Pentadecafluorooctanoic acid (PFOA)	Surface treatment. Cleaning agent	REACH Candidate List: 0.1%, REACH Annex XVII		Stockholm Convention		P
335-76-2	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	Lubricant, wetting agent, plasticiser and	REACH Candidate List 0.1%				D
33631-63-9	Mercuric chloride	In lamps, electric switches, luminescent materials	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation: 73/2016	P
337513-72-1	Octabromodiphenylether, (2,2',3,4,4',5,5',6-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		2003/11/EC; RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
338-75-0	Propane, 2,3-Dichloro-1,1,1-trifluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
34077-87-7	Dichlorotrifluoroethane (HCFC-123)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
34256-82-1	Acetochlor	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2018				P
35065-27-1	PCB153	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P
352-91-0	Bromofluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
353-36-6	Fluoroethane (HFC-161)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
353-59-3	Bromochlorodifluoromethane (Halon-1211)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
353-97-9	Tribromodifluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
354-04-1	Dibromotrifluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
354-11-0	Tetrachlorofluoroethane (HCFC-121a)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
354-14-3	Tetrachlorofluoroethane (HCFC-121)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
354-21-2	Trichlorodifluoroethane (HCFC-122)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
354-23-4	Dichlorotrifluoroethane (HCFC-123a)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
354-25-6	Chlorotetrafluoroethane HCFC-124a)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
354-33-6	Pentafluoroethane (HFC-125)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
354-56-3	Pentachlorofluoroethane (CFC-111)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
354-58-5	Trichlorotrifluoroethane (CFC-113)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
355-25-9	Decafluorobutane (PFC-3-1-10)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
355-41-10	Tetradecafluorohexane (PFC-5-1-14)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
3563-45-9	Tetrachloro DDT	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2010		Stockholm Convention		P
358-97-4	Dibromofluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
359-07-9	Bromodifluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
359-28-4	Trichlorofluoroethane (HCFC-131)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
362631-77-4	Tribromodifluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
36355-01-8	Hexabromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
36437-37-3	Phenol, (2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)) (UV-350)	UV-protection agents in coatings, plastics, rubber and cosmetics	REACH Candidate List: 0.1%				D
36483-60-0	Hexabromodiphenylether	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
36631-23-9	Tributyltin naphthalate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
3687-31-8	Trilead diarsenate	Trilead diarsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. The trilead diarsenate contained in the raw materials is in the metallurgical refinement process transformed to calcium arsenat	REACH Candidate List: 0.1%				D
3697-24-3	Methylchrysene 5- (5-MC)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs					P
373-52-4	Bromofluoromethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
375-95-1	Perfluorononan-1-oic-acid and its sodium and ammonium salts	Processing aid for fluoropolymer manufacture/lubricating oil additive/surdactant for fire extinguishers/cleaning agent/textile antifouling finishing agent/polishing surfactant/waterproofing agents and in liquid crystal display panels	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
376-06-7	Heptacosafuorotetradecanoic acid	Used as processing aids in the production of fluoropolymers and fluoroelastomers and in other surfactant uses / impurity	REACH Candidate List: 0.1%				D
379-52-2	Triphenyltin fluoride	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
3825-26-1	Ammonium pentadecafluorooctanoate (APFO)	Cleaning agents	REACH Candidate List: 0.1%				D
3830-45-3	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	Lubricant, wetting agent, plasticiser and	REACH Candidate List 0.1%				D
3846-71-7	Phenol, (2-benzotriazol-2-yl-4,6-di-tert-butyl-) (UV-320)	Used as an additive; a UV absorber used particularly in transparent plastics. Also used for light- stabilizing rubbers and plastics, and in coatings for wood and the automotive sector. Some use in cosmetics	REACH Candidate List: 0.1%				D
3864-99-1	Phenol, (2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)-) (UV-327)	UV-protection agents in coatings, plastics, rubber and cosmetics	REACH Candidate List: 0.1%				D
39001-02-0	Octachlorodibenzofuran	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
40088-45-7	Tetrabromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
40088-47-9	Polybrominated diphenylethers	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
40321-76-4	Pentachlorodibenzodioxin	Inceneration and combustion pollutant			Stockholm Convention		P
406-58-6	Pentafluorobutane (HFC-365mfc)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
41318-75-6	Tribromodiphenylether, (2,4,4'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
4149-60-4	Perfluorononan-1-oic-acid and its sodium and ammonium salts	Processing aid for fluoropolymer manufacture/lubricating oil additive/surfactant for fire extinguishers/cleaning agent/textile antifouling finishing agent/polishing surfactant/waterproofing agents and in liquid crystal display panels	REACH Candidate List: 0.1%				D
415-25-3	Octafluorocyclobutane (PFC-318)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
41834-16-6	Trichlorodifluoroethane (HCFC-122)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
420-44-0	Propane, 2-Chloro-2-fluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
420-46-2	Trifluoroethane (HFC-143a)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
420-88-2	Tribromofluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
420-89-3	Bromodifluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
420-97-3	Dichlorodifluoropropane (HCFC-261)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
421-02-03	Monochlorodifluoropropane (HCFC-262)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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421-41-0	Monochlorotetrafluoropropane (HCFC-251)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
421-90-9	Tribromotrifluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
421-94-3	Pentachlorofluoropropane (HCFC-231)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-01-5	Bromopentafluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-26-4	Hexachlorofluoropropane (HCFC-221)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-44-6	Propane, 1,2-dichloro-1,1,2,3,3-pentafluoro- (HCFC-225bb)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-48-0	Propane, 2,3-dichloro-1,1,1,2,3-pentafluoro- (HCFC-225ba)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-49-1	Pentachlorodifluoropropane (HCFC-222)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-52-6	Tetrachlorotrifluoropropane (HCFC-223)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-54-8	Trichlorotetrafluoropropane (HCFC-224)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
422-56-0	Dichloropentafluoropropane (HCFC-225ca)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-78-6	Heptachlorofluoropropane (CFC-211)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
422-86-6	Chloroheptafluoropropane (CFC-217)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
4259-43-2	Trichloropentafluoropropane (CFC-215)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
425-94-5	Dichlorotetrafluoropropane (HCFC-234)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
4299-07-4	Buty -n-l-1,2-benzisothiazolin-	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
430-55-7	Monochlorofluoropropane (HCFC-271)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
430-57-9	Ethane, 1,2-dichloro-1-fluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
431-06-1	Dichlorodifluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
431-21-0	Dibromotrifluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
431-78-7	Dibromopentafluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
431-86-7	Propane, 1,2-dichloro-1,1,3,3,3-pentafluoro- (HCFC-225da)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
431-87-8	Monochlorohexafluoropropane (HCFC-226)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
431-89-0	Heptafluoropropane (HFC-227a)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
4342-30-7	Tributylstannyl salicylate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
4342-36-3	Tributylstannyl benzoate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
437701-78-5	Nonabromodiphenylether, (2,2',3,3',4,5,5',6,6'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
446255-22-7	Heptabromodiphenylether, (1,2,2',3,3',5,5'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
446255-39-6	Octabromo diphenylether, (2,2',3,3',4,4',5,6'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		2003/11/EC; RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
446255-50-1	Octabromodiphenylether, (2,2',3,3',4,5',6,6'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		2003/11/EC; RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
453-00-9	Dibromofluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-22-2	Bromotrifluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-25-3	Dibromodifluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-35-5	Monochlorotrifluoropropane (HCFC-253)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-63-9	Trichlorodifluoropropane (HCFC-242)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-69-5	Dichlorotrifluoropropane (HCFC-243)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-73-1	Pentafluoropropane (HFC-245fa)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
460-86-6	Dibromotetrafluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-89-9	Tetrachlorodifluoropropane (HCFC-232)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
460-92-4	Monochloropentafluoropropane (HCFC-235)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
471-43-2	Dichlorodifluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
47672-31-1	Triphenyltin fatty acid salts (C=9-11)	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
4782-29-0	Bis(tributyltin) phthalate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
48122-14-1	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isom	Curing agent for epoxy resins, especially in the electric and electronics field	REACH Candidate List: 0.1%				D
49663-84-5	Pentazinc chromate octahydroxide	Mainly used in coatings in the vehicle coating and aeronautic / aerospace sectors.	REACH Candidate List, REACH Annex XIV				P
49690-94-0	Tribromodiphenylether	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
50-00-0	Formaldehyde	Biocide in lubricants, general used preservative in many products and applications as in paper products, cleaners, disinfectants, textile materials				Danfoss decision: 0.005% free formaldehyde as biocide in lubricants. In general: 0.15% formaldehyde	P
50-29-3	DDT	Pesticide			Stockholm Convention		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
50-32-8	Benzo(a)pyrene(BaP)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
50-32-8	Benzo(a)pyrene(BaP)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs	REACH Candidate List: 0.1% REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
50471-44-8	Vinclozolin	Pesticide	EU Reg. 540/2011 EC Reg. 1107/2011				P
507-55-1	Dichloropentafluoropropane (HCFC-225cb)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
5100-87-4	Oxazolidine, (4,4'-Dimethyl)	Biocide in lubricants				Danfoss decision; 0.2%	P
51207-31-9	Tetrachlorodibenzofuran, (2,3,7,8-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
513-79-1	Cobalt(II) carbonate	Cobalt(II) carbonate is mainly used in the manufacture of catalysts. Minor uses may include as a feed additive, in the manufacture of other chemicals including pigments, and as an adhesive in ground coat frit	REACH Candidate List: 0.1%				D
51404-69-4	Acetic acid, lead salt, basic	Lead acetate is used in dyeing and pigmentation aid for textiles, hair products, paints etc. Use in Europe restricted under regulations on use of lead, but may be found in imported products, especially painted ornamental goods	REACH Candidate List: 0.1%				D
52-51-7	Bronopol (2-Bromo-2-nitro-1,3-propanediol)	Biocide in lubricants				Danfoss decision; 0.005% free formaldehyde	P
53469-21-9	Arochlor 1242	heat exchange fluids, additives			Stockholm Convention; Hong Kong Convention 0.005%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
53-70-3	Dibenzo(a,h)anthracene (DBaHA)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
542-88-1	Bis (chloromethyl) ether	In chemical synthesis				0.06%	P
5436-43-1	Tetrabromodiphenylether, (2,2',4,4'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
548-62-9	Dimethylammonium chloride, (4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene)]- (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EU No. 202-027-5) or Michler's base (EU No. 202-959-2)]	Colorant with uses that may include dyes and inks, including in ball pens, cosmetics such as soaps, dyeing of paper, card, plastic, wood, lacquers and coatings, analytical / R&D/diagnostic uses.	REACH Candidate List: 0.1%				D
55673-89-7	Heptachlorodibenzofuran, (1,2,3,4,7,8,9-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
55965-84-9	Isothiazol-3-one, 5-Chloro-2-methyl-2H-, mixture with 2-methyl-2H-isothiazol-3-one	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids.	P
561-41-1	Trityl alcohol, (4,4'-bis(dimethylamino)-4''-(methylamino)-) [with ≥ 0.1% of Michler's ketone (EU No. 202-027-5) or Michler's base (EU No. 202-959-2)]	Mainly used as a dye in writing inks. May be referred to as Solvent Violet 8, although the Color Index and CAS registry numbers do not necessarily match. Solvent Violet 8 is used in inks (including ballpoint pens and printer cartridges) and dyes. It may be	REACH Candidate List: 0.1%				D
56-23-5	Carbontetrachlorid	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC, REACH Annex XVII		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
5625-90-1	Methylene-bis-morpholine/Bis-morpholino-methane	Biocide in lubricants				Danfoss decision	P
56-35-9	bis(tributyltin)oxide (TBTO)	This substance is a biocide with major use in external wood treatment and ship descaling. It is possible that this substance could be found in some imported timber products	REACH Candidate List: 0.1%, Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P
56-36-0	Tributyltin acetate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
56-55-3	Benzo(a)anthracene (BaA)	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.	REACH Annex XVII: 0.0001% BaP; 0.001% sum of all listed PAHs				P
57110-29-9	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isom	Curing agent for epoxy resins, especially in the electric and electronics field	REACH Candidate List: 0.1%				D
57117-31-4	Pentachlorodibenzofuran, (2,3,4,7,8-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
57117-41-6	Pentachlorodibenzofuran, (1,2,3,7,8-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
57117-44-9	Hexachlorodibenzofuran, (1,2,3,6,7,8-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
573-58-0	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	Direct Red 28 is a benzidine-based dyes	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
57-74-9	Chlordan	Pesticide			Stockholm Convention		P
5873-54-1	Methylenediphenyl diisocyanate	Foam packaging	REACH Annex XVII, 0.1%			Danfoss decision	P
58-89-9	Lindane	Pesticide			Stockholm Convention		P
59080-40-9	Hexabromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
593-53-3	Fluoromethane (HFC-32)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
593-70-4	Monochlorofluoromethane (HCFC-31)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
59536-65-1	Polybrominated biphenyls	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
59653-74-6	Triazine-2,4,6-(1H,3H,5H)-trione, (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-)-, (T-GIC)	Epoxy compound. Used as hardener in resins and coatings. May be used in solder mask applications in production of printed circuit boards. Also used in weather resistant polyester-based powder coatings. May be found in electrical insulation materials, adhe	REACH Candidate List: 0.1%				D
598-63-0	Lead(II)carbonate	In pigments, additives, corrosion inhibitors	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
60-09-3	Amino-azobenzene, 4-	Also known as aniline yellow, CI 11000 or under many other common historical names. This chemical was implicated in the 1980s vegetable oil poisoning incident when added to industrial oil that was put into the food market. It is used in many industrial	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
60348-60-9	Pentabromodiphenylether, (2,2',4,4',5-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
605-50-5	Diisopentylphthalate	This phthalate is used as a plasticiser in plastic goods and may be present above 0.1% w/w in such articles. It is also used in the manufacture of propellants and explosives and as such may be found in ammunition and rifle powders above 0.1% w/w.	REACH Candidate List: 0.1%, REACH Annex XIV				P
60-57-1	Dieldrin	Pesticide			Stockholm Convention		P
6080-56-4	Lead(II)acetate, trihydrate	In pigments, additives, corrosion inhibitors		Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
60851-34-5	Hexachlorodibenzofuran, (2,3,4,6,7,8-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
608-93-5	Pentachlorobenzene	Pesticide, flame retardant			Stockholm Convention		P
61288-13-9	Octabromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
615-05-4	Methoxy-m-phenylenediamine, 4-	In dyes for textiles etc., packaging materials	REACH Annex XVII: 0,003% (30ppm)				P
61788-33-8	Polychlorinated terphenyls	Additive, heat transfer agent	REACH Annex XVII; 0.005%				P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
61-82-5	Amitrol (Aminotriazol)	Herbicide	EU Reg. 540/2011 EC Reg. 1107/2009				P
62229-08-7	Sulfurous acid, lead salt, dibasic	Stabiliser used in production of pvc products	REACH Candidate List: 0.1%				D
624-49-7	Dimethyl fumarate	The substance is normally used as an additive to silica gel sold in small packs. The packs release DMFu during transport of products in order to avoid mold, mostly in furniture, textiles and footwear	REACH Annex XVII: 0.1mg/Kg				P
625-45-6	Methoxyacetic acid	Used in chemical synthesis, cleaning agent, metal finishing, cosmetics	REACH Candidate List: 0.1%				D
629-14-1	Diethoxyethane, 1,2-	This substance is a glycol ether and belongs to the glyme family of chemicals and is expected to have similar applications; monoglyme, diglyme and triglyme are also included on the Candidate List. Globally, common uses for glycol ethers are as a solvent	REACH Candidate List: 0.1%				D
630-20-6	Tetrachloroethane (1,1,1,2-)	Solvent, degreasing agent	REACH Annex XVII: 0.1%				P
63387-28-0	Nonabromodiphenylether, (2,2',3,3',4,4',5,5',6-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
63936-56-1	Nonabromodiphenylether	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
63938-10-3	Chlorotetrafluoroethane HCFC-124)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
639-58-7	Triphenyltin chloride	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
64359-81-5	Isothiazolone- 3(2H)- 4,5-dichlor-2-octyl	Biocide, preservative, in lubricants and cutting fluids				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
6454-35-9	Bis(tributyltin) fumarate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
64-67-5	Diethyl sulphate	Used mainly as a reagent in chemical synthesis.	REACH Candidate List: 0.1%				D
6477-64-1	Lead dipicrate	No registration for this substance has been submitted to ECHA. Lead dipicrate is an explosive like lead diazide and lead styphnate. It may be used in low amounts in detonator mixtures together with the two other mentioned lead compounds.	REACH Candidate List: 0.1%				D
6517-25-5	Tributyltin sulfamate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
65996-93-2	Pitch, coal tar, high temp.	Pitch, coal tar, high temp. is mainly used in the production of electrodes for industrial applications. Smaller volumes are dedicated to specific uses such as heavy duty corrosion protection, special purpose paving, and manufacture of other substances and	REACH Candidate List: 0.1%, REACH Annex XIV				P
661-97-2	Dichlorohexafluoropropane (CFC-216)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
666-27-3	Tetrachlorofluoropropane (HCFC-241)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
67562-39-4	Heptachlorodibenzofuran, (1,2,3,4,6,7,8-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
67-66-3	Chloroform	Solvent, degreasing agent	REACH Annex XVII: 0.1%				P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
67-72-1	Hexachlorethane	In manufacturing or processing non-ferrous metals	REACH Annex XVII				P
67774-32-7	Hexabromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
67797-09-5	Octabromodiphenylether, (2,2',3,3',5,5',6,6'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		2003/11/EC; RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
678-26-2	Dodecafluoropentane (PFC-4-1-12)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
6786-83-0	Naphthalene-1-methanol, α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)- (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EU No. 202-027-5) or Michler's base (EU No. 202-059-2)]	Colorant with uses that may include dyes and inks, including in ball pens, cosmetics such as soaps, fuels, dyeing of paper, card, plastic, wood, lacquers and coatings, analytical / R&D/diagnostic uses. May be found in Wind screen washing fluid.	REACH Candidate List: 0.1%				D
679-84-5	Bromotetrafluoropropane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
679-85-6	Monochlorotetrafluoropropane (HCFC-244)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
68-12-2	Formamide, N,N-dimethyl-	DMF is used as a reagent and solvent in many industrial applications in the chemical industry. It is also used in the production and cleaning of polyurethane synthetic/artificial leather and some plastics. It may be used as a degreaser in the metal and el	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
683-18-1	Dibutyltin dichloride (DBTC)	This substance is used as an additive in the production of tyres and other rubber products. It is also used as a stabiliser in PVC, for example in water pipes, PVC textile products and packing materials), as a catalyst in the production of polyurethanes a	REACH Candidate List: 0.1%				D
68515-42-4	Benzene-1,2-dicarboxylic acid, di-C7-11-branched and linear alkyl esters	This substance may be used as a plasticizer for PVC.	REACH Candidate List: 0.1%, REACH Annex XIV				P
68515-50-4	Benzenedicarboxylic acid (1,2-), dihexyl ester, branched and linear	UVCB substance	REACH Candidate List: 0.1%				D
68515-51-5	Benzenedicarboxylic acid, (1,2-), di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	These substances are used for example as plasticisers and lubricants, including use in adhesives, coatings, building material, cable compounding, polymer foils, PVC compounds and artist supply (e.g. modelling clay and finger paints).	REACH Candidate List: 0.1%				D
68631-49-2	Hexabromodiphenylether, (2,2',4,4',5,5'-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
68648-93-1	Benzenedicarboxylic acid, (1,2-), di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	These substances are used for example as plasticisers and lubricants, including use in adhesives, coatings, building material, cable compounding, polymer foils, PVC compounds and artist supply (e.g. modelling clay and finger paints).	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
68784-75-8	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compound	UV fluorescent tubes	REACH Candidate List: 0.1%				D
688-73-3	Tributyltin hydride	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
68928-80-3	Heptabromodiphenylether	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.		RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.1%		P
69011-06-9	Dioxotrilead,[Phthalato(2-)]	Stabiliser used in production of pvc products	REACH Candidate List: 0.1%				D
690-39-1	Hexafluoropropane (HFC-236fa)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
70648-26-9	Hexachlorodibenzofuran, (1,2,3,4,7,8-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
70776-03-3	Polychlorinated naphthalenes (more than 3 chlorine atoms)	Additive			Hong Kong Convention;0.05%		P
7094-94-2	Triphenyltin chloroacetate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
7125-83-9	Propane, 1,1,1-Trichloro-3,3,3-trifluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
7125-84-0	Trichlorotrifluoropropane (HCFC-233)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
7125-99-7	Propane, 1,1-Dichloro-1,2,2-trifluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
71-43-2	Benzene	Solvent, degreasing agent	REACH Annex XVII: 0.0005%				P
71-48-7	Cobalt(II) diacetate	Cobalt(II) diacetate is mainly used in the manufacture of catalysts or as a catalyst. Minor uses may include the manufacture of other chemicals including pigments, surface treatments, in alloys, dyes, rubber adhesion, and as a feed additive.	REACH Candidate List: 0.1%				D
71-55-6	Methylchloroform	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
71888-89-6	Benzene-1,2-dicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	This substance may be used as a plasticizer for PVC and some ink and coatings formulations.	REACH Candidate List: 0.1%, REACH Annex XIV				P
72-20-8	Endrin	Pesticide			Stockholm Convention		P
72629-94-8	Pentacosfluorotridecanoic acid	Processing aids in the production of fluoropolymers and fluoroelastomers and in other surfactant uses / impurity. Laboratory chemical.	REACH Candidate List: 0.1%				D
72918-21-9	Hexachlorodibenzofuran, (1,2,3,7,8,9-)	Pesticides, additives, Combustion pollutants			Stockholm Convention		P
7439-92-1	Lead	Lead, and as an element in metals and alloys		RoHS: 0.1%, Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
7439-97-6	Mercury	In fluorescent lamps, electric switches, luminescent materials, manufacture of industrial chemicals, in electrical and electronical applications, in thermometers, amalgams	REACH Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); Battery: 0.0005%	Hong Kong Convention: 0.1%, Minamata Convention 0%	Danish Regulation: 627/2003	P
7440-24-6	Strontium	Radioactive substance, many uses		EURATOM	Hong Kong Convention		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
7440-38-2	Arsenic compounds (e.g. below)	Pb and Cu alloys, metal adhesives, soft solders, electronics and pigments.	REACH Candidate List, REACH Annex XIV; Annex XVII				P
7440-41-7	Beryllium	In alloys, mirrors, semiconductors				Exemptions: in copper alloys, in welding electrodes	D
7440-43-9	Cadmium	Stabilizers in polymers like PVC, Used in pigments in paints and plastics, present also in electronics. In soldering materials	REACH Annex XVII: Prohibited in polymers (0.01%); In paints on products:(0.1%)	RoHS: 0.01%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); Battery 0.002%, ELV	Hong Kong Convention: 0.01%		P
7440-46-2	Cesium	Radioactive substance, many uses		EURATOM	Hong Kong Convention		P
7446-14-2	Lead(II)sulfate	In pigments, additives, corrosion inhibitors	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
7446-27-7	Lead phosphate	In pigments, additives, corrosion inhibitors		Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation 856/2009	P
74-83-9	Methylbromide	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
7487-94-7	Mercury(II)chloride	In lamps, electric switches, luminescent materials	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation: 73/2016	P
74-97-5	Bromochloromethane (Halon-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
75-09-2	Dichloromethane	Solvent, degreasing agent	REACH Annex XVII; 0.1%				P
75-09-2	Dichloromethane	Solvent, paint stripper, degreaser, propellant, blowing agent	REACH Annex XVII, 0.1%			Danfoss decision	P
75-10-5	Difluoromethane (HFC-32)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
75-12-7	Formamide	An intermediate used in the manufacture of pharmaceuticals and vitamins. Also used as a solvent, and as a laboratory reagent. May also be used in the production of pyrimidines, in hydrogen cyanide production, as an intermediate for paper finishing and as	REACH Candidate List: 0.1%				D
75-35-4	Dichloroethene (1,1-)	Solvent, degreasing agent	REACH Annex XVII: 0.1%				P
75-37-6	Difluoroethane (HFC-152a)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
75-43-4	Dichlorofluoromethane (HCFC-21)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
75-45-6	Monochlorodifluoromethane (HCFC-22)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
75-46-7	Carbon trifluoride (HFC-23)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
75-56-9	Methyloxirane (Propylene oxide)	Intermediate in the production of polyether polyols and glycols for use in making polyurethane plastics and resins. Also used in the preparation of lubricants, surfactants, and oil demulsifiers. Used as a fumigant for dried fruits and treating wood for t	REACH Candidate List: 0.1%				D
75635-23-3	Trifluoralin	Pesticide	EU ban since 2009				P
75-63-8	Bromotrifluoromethane (Halon-1301)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
75-68-3	Monochlorodifluoroethane (HCFC-142b)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
75-69-4	Trichlorofluoromethane (CFC-11)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
75-71-8	Dichlorodifluoromethane (CFC-12)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
75-72-9	Chlorotrifluoromethane (CFC-13)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
75-73-0	Tetrafluoromethane (PFC-14)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
75-88-7	Monochlorotrifluoroethane (HCFC-133a)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
76-01-7	Pentachloroethane	Solvent, degreasing agent	REACH Annex XVII: 0.1%				P
76-12-0	Tetrachlorodifluoroethane (CFC-112)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
76-13-1	Trichlorotrifluoroethane (CFC-113), 1,1,2-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
76-14-2	Dichlorotetrafluoroethane (CFC-114)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
76-15-3	Monochloropentafluoroethane (CFC-115)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
76-16-4	Hexafluoroethane (PFC-116)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
76-17-5	Trichloropentafluoropropane, 1,2,3-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
76-19-7	Octafluoropropane (PFC-218)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
762-49-2	Bromofluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
76253-60-6	Monomethyl-tetrachlorodiphenyl methane	Replacement for PCB	Reach Annex XVII				P
7632-04-04	Sodium peroxometaborate	A source of active oxygen in many detergents	REACH Candidate List: 0.1%				D
76-44-8	Heptachlor	Pesticide			Stockholm Convention		P
7646-79-9	Cobalt dichloride	The most common use is for the detection of moisture, for example as a color indicator in drying agents such as silica gel. Paper impregnated with cobalt chloride, known as "cobalt chloride paper" has been used to detect the presence of water. This substa	REACH Candidate List: 0.1%				D
76-87-9	Triphenyltin hydroxide	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
77-09-8	Phenolphthalein	Mainly used as laboratory agent (in pH indicator solutions), for the production of pH-indicator paper and in medicinal products.	REACH Candidate List: 0.1%				D
7738-94-5	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	Acids generated from chromium trioxide and their oligomers are mainly used in metal finishing, such as electroplating (e.g. hard chrome and decorative plating), conversion coatings and brightening. It is also used as a fixing agent in waterborne wood pres	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
77536-66-4	Actinolite	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P
77536-67-5	Anthophyllite	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P
77536-68-6	Tremolite	In insulating material in buildings and in products. Severe precautions should be taken in refurbishing asbestos containing buildings	REACH Annex XVII		Hong Kong Convention: 0.1%	Danish Regulation 1792/2015	P
77-58-7	dibutyltin dilaurate (DBTL)	In plasticizers and metals, antifouling agents (TBT)	REACH Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P
7758-97-6	Lead chromate	Lead chromate is used for manufacturing pigments and dyes, and as a pigment or coating agent in industrial and maritime paint products or varnishes. Further potential uses may be associated with the formulation of detergents and bleaches, photoconductive m	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
776297-69-9	Phthalate, n-pentyl-isopentyl-	Plasticiser for plastic products, adhesives, paints, etc. Not pre-registered, so use likely to be low or present as an impurity.	REACH Candidate List: 0.1%, REACH Annex XIV				P
7775-11-3	Sodium chromate	Sodium chromate is mainly used as an intermediate in the manufacture of other chromium compounds as well as a laboratory analytical agent, but this use is limited. Other potential uses are mentioned in the literature but whether they occur in the EU is no	REACH Candidate List, REACH Annex XIV				P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
77-78-1	Dimethyl sulphate	Dimethyl sulfate is a strong methylating agent used to convert compounds such as phenols, amines, and thiols to the corresponding methyl derivatives. It is also used as a methylating or sulfating agent in the manufacture of methyl esters, ethers, and amin	REACH Candidate List: 0.1%				D
7778-39-4	Arsenic acid	Mainly used to remove gas bubbles from ceramic glass melt and in the production of laminated printed circuit boards.	REACH Candidate List, REACH Annex XIV				P
7778-44-1	Calcium arsenate	Calcium arsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. It appears mainly to be used as precipitating agent in copper smelting and to manufacture diarsenic trioxide. However, most of th	REACH Candidate List: 0.1%				D
7778-50-9	Potassium dichromate	Potassium dichromate is used for chrome metal manufacturing and as corrosion inhibitor for treatment and coating of metals. It is further used as textile mordant, as laboratory analytical agent, for cleaning of laboratory glassware, in the manufacture of	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
7783-35-9	Mercuric sulfate	In lamps, electric switches, luminescent materials	REACH Annex XVII	Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm)	Hong Kong Convention: 0.1%	Danish Regulation: 73/2016	P
7784-40-9	Lead hydrogen arsenate	An insecticide for food. It has been widely banned for many years. This substance is very unlikely to be present in articles above 0.1%.	REACH Candidate List: 0.1%, Annex XVII				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
7789-00-6	Potassium chromate	Potassium chromate is used as a corrosion inhibitor for treatment and coating of metals, for manufacture of reagents, chemicals and textiles, as a coloring agent in ceramics, in the manufacture of pigments/inks and in the laboratory as analytical agent	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
7789-06-2	Strontium chromate	Strontium chromate pigment is used as an anti-corrosion ingredient for some paints. It has uses in coatings for the aerospace and vehicle sectors as well as in coil coating applications.	REACH Candidate List, REACH Annex XIV				P
7789-09-5	Ammonium dichromate	Ammonium dichromate is mainly used as an oxidizing agent. Other known uses are in the manufacture of photosensitive screens and as mordant in the manufacture of textiles. Minor uses seem to comprise metal treatment and laboratory analytical agent	REACH Candidate List, REACH Annex XIV				P
7789-12-0	Chromium 6+ compounds	Chromium pigments, chromated surfaces, corrosion inhibitors.	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
7789-12-0	Sodium dichromate	This substance is an important reagent for the production of a wide range of chemicals. It is also used in metal finishing process, leather tanning and in some ceramics / glasses. This substance is very unlikely to be present in articles above 0.1% except	REACH Candidate List, REACH Annex XIV, Annex XVII	RoHS: 0.1%; Packaging sum of mercury, cadmium, lead and hexavalent chromium less than: 0.01% (100ppm); ELV 2g/car	Hong Kong Convention: 0.1%		P
7790-79-6	Cadmium fluoride	Used in the manufacture of glass and phosphors, and in the production of metallic alloys. Also used in optics and electronics, luminescent screens, solar cells, electric brushes, dielectric ceramics for capacitors, as a fluxing agent in brazing and solder	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
7799-56-6	Propane, 1,1-Dichloro-1-fluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
78-00-2	Tetraethyllead	Formerly used as an antiknock additive in leaded petrol. It is still used as an additive in aviation fuel for piston engine-powered aircraft.	REACH Candidate List: 0.1%				D
7803-57-8	Hydrazine	Hydrazine is used as a foaming agent, as a precursor to polymerization catalysts and pharmaceuticals. Additionally, hydrazine is used in various rocket fuels and to prepare the gas precursors used in air bags. Hydrazine is also used as a corrosion inhibitor.	REACH Candidate List: 0.1%				D
78-30-8	Tri(ortho)cresylphosphate	Plasticizer additives in nitrocellulose, PVC, flame retardant, additive in oils, acrylate lacquers, varnishes.				Danfoss decision. Ortho-TCP: 0.5%. The sum of Meta- and Para-TCP: 5%.	P
78-32-0	Tricresylphosphate (all isomers except ortho)	Plasticizer additives in nitrocellulose, PVC, flame retardant, additive in oils, acrylate lacquers, varnishes.				Danfoss decision. Ortho-TCP: 0.5%. The sum of Meta- and Para-TCP: 5%.	P
79-00-5	Trichloroethane (1,1,2-)	Solvent, degreasing agent	REACH Annex XVII: 0.1%		Hong Kong Convention	Danish Reg. 1386/2015	P
79-01-6	Trichloroethylene ("TRI")	Trichloroethylene is mainly used as intermediate in the manufacture of chlorinated and fluorinated organic compounds. Other uses are for cleaning and degreasing of metal parts or as solvent in adhesives.	REACH Candidate List, REACH Annex XIV			Danfoss decision (1985)	P
79-06-1	Acrylamide	Acrylamide is almost exclusively used for the synthesis of polyacrylamides, which are used in various applications, in particular in waste water treatment and paper processing. Minor uses of acrylamide comprise the preparation of polyacrylamide gels for r	REACH Candidate List: 0.1%, Annex XVII: 0.1%				P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
79-16-3	Acetamide, N-methyl-	Intermediate for chemical synthesis in the production of pharmaceuticals, pesticides and electronic materials	REACH Candidate List: 0.1%				D
79-34-5	Tetrachloroethane (1,1,2,2-)	Solvent, degreasing agent	REACH Annex XVII: 0.1%				P
8001-35-2	Toxaphene	Insecticide			Stockholm Convention		P
8001-58-9	Creosote	In wood preservatives, packaging materials	REACH Annex XVII				P
80-05-7	Bisphenol A	Production of polymers, Manufacture of polycarbonate epoxy resins and chemicals; hardener in epoxy resins, in thermal paper	REACH Candidate List 0.1%, REACH Annex XVII 0.02%				D
8012-00-8	Pyrochlore, antimony lead yellow	Pigment in paints and enamels	REACH Candidate List: 0.1%				D
80-46-6	Phenol, p-(1,1-dimethylpropyl)	Manufacture of chemicals and plastic products	REACH Candidate List 0.1%				D
81-15-2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	A fragrance which may be incorporated into complex fragrance mixtures. Although not manufactured in the EU it may be formulated into imported fragrance compositions. This substance is very unlikely to be present in any EU produced articles. BUT it may be	REACH Candidate List, REACH Annex XIV				P
81161-70-8	Monomethyl-dichloro-diphenyl methane	Replacement for PCB	Reach Annex XVII				P
811-95-0	Trichlorofluoroethane (HCFC-131b)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
811-97-2	Tetrafluoroethane (HFC-134a)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
812-04-4	Dichlorotrifluoroethane (HCFC-123b)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
818-99-5	Propane, 1,1,3-Trichloro-1-fluoro-	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
819-00-1	Dichlorodifluoropropane (HCFC-252)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
838-88-0	Methylenedi-o-toluidine, 4,4'	This substance is used as an intermediate in the production of elastomers, dyes and colourants.	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
84-69-5	Diisobutyl phthalate	Diisobutyl phthalate is used as plasticiser for nitrocellulose, cellulose ether, polyacrylate and polyacetate dispersions, and as a gelling aid in combination with other plasticisers, which are widely used for plastics, lacquers, adhesives, explosive mate	REACH Candidate List, REACH Annex XIV	RoHS: 0.1% (2019)			P
84-74-2	Dibutyl phthalate (DBP)	This substance has widespread historical use as a plasticiser. It was also used as an additive to adhesives or printing inks. Although responsible industry has been phasing out the use of this substance there are concerns that it is still widely used. Whe	REACH Candidate List, REACH Annex XIV	RoHS: 0.1% (2019)			P
84-75-3	Dihexyl phthalate	This phthalate is used as a plasticizer for PVC	REACH Candidate List: 0.1%				D
84777-06-0	Benzenedicarboxylic acid (1,2), dipentylester, branched and linear	This phthalate may be used as a plasticiser for plastic materials. It was not registered for the 2010 deadline and thus is thought to be in low usage in the EEA. However, it may be present in imported plastic articles.	REACH Candidate List: 0.1%, REACH Annex XIV				P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
84852-15-3	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 c	Surface active agents	REACH Annex XVII: 0.1%				P
85409-17-2	Stannane, tributyl-, mono(naphthenoxyloxy) derivs.	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
85-42-7	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans	Used as hardeners for epoxy resins, intermediates for alkyds, plasticizers, insect repellents and rust inhibitors	REACH Candidate List: 0.1%				D
85535-84-8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	SCCPs have had a variety of uses, including extreme pressure additives in metalworking fluids, flame retardants and plasticiser for rubbers and textiles, in leather processing and as a plasticiser in paints and sealing compounds. The major recent use has	REACH Candidate List: 0.1% EC 850/2004, EU 2030/2015, 1% in mixtures, 0.15% in articles		Hong Kong Convention; 1%		D
85-68-7	Benzyl butyl phthalate (BBP)	Mostly used as a plasticiser for PVC, commonly in floor tiles. Other uses include in food conveyor belts, and artificial leather. This substance may be present above 0.1% in the articles described above. Action required to investigate, particularly in the	REACH Candidate List, REACH Annex XIV	RoHS: 0.1% (2019)			P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
872-50-4	Pyrrolidone, 1-Methyl-2-	This substance is used as an intermediate and as an industrial solvent for surface treatment of textiles, resins and metal coated plastics or as a paint stripper. It is also used in the pharmaceutical and agrochemical industries	REACH Candidate List: 0.1%				D
87-86-5	Pentachlorophenol	Pesticide	REACH Annex XVII; 0.1%		Stockholm Convention		P
88-85-7	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	Miticide, herbicide (withdrawn from use). High temperature polymerization inhibitor for styrene, methylstyrene and other styrene analogues. Also used as organic intermediate	REACH Candidate List: 0.1%				D
90-04-0	Methoxyaniline, 2-	Mainly used in the manufacture of dyes for tattooing and coloration of paper, polymers and aluminum foil.	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
900-95-8	Triphenyltin acetate	Anti-fouling systems containing organotin compounds as a biocide, additive	EC Reg. 782/2003 REACH Annex XVII: 0.1%		Hong Kong Convention: 0.25%		P
90454-18-5	Dichloro-1,1,2-trifluoroethane	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
90640-80-5	Anthracene oil	The listed anthracene oil based substances are mainly used in the manufacture of other substances such as anthracene and carbon black. They may also be used as reducing agents in blast furnaces, as components in bunker fuel, for impregnating, sealing and	REACH Candidate List: 0.1%, REACH Annex XIV				P
90640-81-6	Anthracene oil, anthracene paste	synthesis, production of dyes	REACH Candidate List: 0.1%				D
90640-82-7	Anthracene oil, anthracene-low	synthesis, production of dyes	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
90-94-8	Benzophenone, 4,4'-bis(dimethylamino)- (Michler's ketone)	Important intermediate in the manufacture of triphenylmethane dyes. May be used as a colouring agent in the paper and paper products sector. May be present in dyes and pigments as a photosensitizer. May be present as an impurity in other substances used a	REACH Candidate List: 0.1%				D
91031-62-8	Fatty acids, C16-18, lead salts	Stabiliser used in production of pvc products, particularly construction products such as piping, cables, etc.	REACH Candidate List: 0.1%				D
91-59-8	Naphthylamine, 2-	In dyes for textiles etc., packaging materials	REACH Annex XVII: 0,003% (30ppm)				P
91-94-1	Dichlorobenzidine, 3,3'-	In dyes for textiles etc., packaging materials	REACH Annex XVII: 0,003% (30ppm)				P
91995-15-2	Anthracene oil, anthracene paste, anthracene fraction	synthesis, production of dyes	REACH Candidate List: 0.1%				D
91995-17-4	Anthracene oil, anthracene paste, distn. lights	synthesis, production of dyes	REACH Candidate List: 0.1%				D
92-66-0	Bromobiphenyl, (4-)	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
92-67-1	Aminobiphenyl, 4-	Starting chemical for many azo dyes and will be a residue from production or may even form as a metabolite (breakdown product) from certain materials. Possible residue in textiles and coloured materials	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
92-86-4	Dibromobiphenyl	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	REACH Annex XVII: 0.1%	RoHS: 0.1%	Stockholm Convention; Hong Kong Convention: 0.005%		P
92-87-5	Benzidine	In dyes for textiles etc., packaging materials	REACH Annex XVII: 0,003% (30ppm)				P
92-93-3	Nitrobiphenyl, 4-		REACH Annex XVII: 0.1 %				P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
95-53-4	Aminotoluene, 2-	Intermediate in chemical synthesis of herbicides, rubber chemicals, dye and pigment intermediates, resin hardeners, fungicide intermediates, pharmaceutical intermediates, and others	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
95-69-2	Chloro-o-toluidine, 4-	In dyes for textiles etc., packaging materials	REACH Anex XVII: 0,003% (30ppm)				P
95-76-1	Dichloroaniline, 3,4-	Manufacture of chemicals					D
95-80-7	Methyl-1,3-benzenediamine, 4-	Used mainly as an intermediate, but also may appear as residue in polyurethane foams from polymer production	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
959-98-8	Endosulfan	Insecticide			Stockholm Convention		P
96-18-4	Propane, 1,2,3-Trichloro-	TCP is used as an industrial solvent, as a monomer and as an intermediate for the synthesis of chlorinated solvents, some cross-linking agents and chlorinated solvents. Historically it had uses in consumer products such as paint strippers but must no long	REACH Candidate List: 0.1%				D
96-45-7	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	This substance is used as a vulcanisation agent and in the production of tyres and general rubber goods	REACH Candidate List: 0.1%				D
97-56-3	Amino-2',3-dimethylazobenzene, 4-	Azo dye, may be used as a staining agent in biological sciences. Formerly used for coloring oils, fats, and waxes.	REACH Candidate List: 0.1%, Annex XVII: 0,003% (30ppm)				P
98-95-3	Nitrobenzene	Manufacture of other substances	REACH Candidate List: 0.1%				D
99-55-8	Nitro-o-toluidine, 5-	In dyes for textiles etc., packaging materials	REACH Anex XVII: 0,003% (30ppm)				P
99688-47-8	Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene	Brominated flame retardant in electronic and electrical parts, in plastics and polymers etc.	Reach Annex XVII				P
99-99-0	Nitrotoluene, 4-	Manufacture of chemicals					D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
All	Cadmium compounds	Stabilizers in polymers like PVC, Used in pigments in paints and plastics, present also in electronics. In soldering materials	REACH Annex XVII: Prohibited in polymers (0.01%); In paints on products				P
All	Mercury compounds	In lamps, electric switches, luminescent materials	REACH Annex XVII		Minamata Covention		P
All	Organotin (Mono-, di-, and trialkyl and -aryl tin compounds) (e.g. below)	In plasticizers and metals, antifouling agents (TBT)	REACH Annex XVII: 0.1 %; EC Reg. 782/2003		Hong Kong Convention: 0.25%		P
All	Cresylphosphates	Plasticizer additives in nitrocellulose, PVC, flame retardant, additive in oils, acrylate lacquers, varnishes.				Danfoss decision	P
All	Dicresylphosphates	Plasticizer additives in nitrocellulose, PVC, flame retardant, additive in oils, acrylate lacquers, varnishes.				Danfoss decision	P
All	Tricresylphosphates (TCP)	Plasticizer additives in nitrocellulose, PVC, flame retardant, additive in oils, acrylate lacquers, varnishes.				Danfoss decision. Ortho-TCP: 0.5%. The sum of Meta- and Para-TCP: 5%.	P
All	All Amines (secondary) which facilitate the formation of nitrosamines (e.g. below)	Corrosion protection, pH stabilizer				TRGS 611; 615, 0.2%	P
All	Formaldehyde releasing substances (e.g. below)	Biocide in lubricants				Danfoss decision: 0.005% free formaldehyde as biocide in lubricants. In general: 0.15% formaldehyde	P
All	Isothiazolones	Biocide in lubricants				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P
All	Mercaptobenzothiazoles	Biocide in lubricants				Danfoss decision. Only prohibited for use in cutting/cooling (metal working) fluids	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
All	Mineral oil with PAH (e.g. below)	Base oils				Danfoss decision; 0.005% (50 ppm) Benz(a)pyren, 3% DMSO extract for the base oil	P
All	Morpholine releasing substances	Biocide in lubricants				Danfoss decision	P
All	Nonylphenol ethoxylates	Surface active agents	REACH Annex XVII				P
All	Tall oil distillates which contains adipinic acid	Extreme pressure additive	Danfoss decision				P
All	Nonylphenols	Surface active agents	REACH Annex XVII: 0.1%				P
All	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, whic	Surface active agents	REACH Annex XVII: 0.1%				P
All	Tall oil distillates which contains adipinic acid	Extreme pressure additive	Danfoss decision				P
All	Hydrochlorofluorocarbons (HCFC)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
All	Hydrobromofluorocarbons (HBrFC)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P
All	HFC (Hydrofluorocarbons)	In heat pumps, refrigeration and air-conditioning and sprays	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
All	PFC (Perfluorocarbons)	For PFC: also in fire extinguisher and equipment.	EU 517/2014		Kyoto Protocol	Danish Regulation 9/2016	P
All	Polychlorinated dibenzo-p-dioxins	Inceneration and combustion pollutant			Stockholm Convention		P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
All	Radioactive substances	Many uses		EURATOM	Hong kong Convention no threshold value		P
All	PAH	Softening oils in rubber and plastic compounds/chemicals and as contaminant in many materials. In rubber compounds/chemicals. May be present in cable cords and plugs.					P
All	Manmade mineral fibers with proven carcinogenic effects	Applies to work processes where there is a risk of exposure to respirable fibers				Danish Regulation 344/1988	D
All	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]	This group of substances covers for example, the product with the trade name "karanal". Public information sources indicate that the main use of karanal is as a fragrance ingredient.	REACH Candidate List: 0.1%				D
All	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 1,2,3,4-tetrahydro-2H-pyridin-2-one)	Used as a heat stabilizer in the production of rigid PVC and some other plastics; may be found in some adhesives and pigment dispersions.	REACH Candidate List: 0.1%				D
All	Sodium perborate; perboric acid, sodium salt	A source of active oxygen in many detergents	REACH Candidate List: 0.1%				D
All	Nonylphenol, 4-, branched and linear, ethoxylated	Cleaning agents	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
All	Phenol (4-(1,1,3,3-tetramethylbutyl-), ethoxylated <i>[covering well defined substances and UVCB substances, polymers and homologues]</i>	This is part of the alkyl phenol ethoxylate group of substances used in detergents, inks, etc and have been voluntarily removed from the market by many companies. One concern is endocrine effects from environmental release. Found in printed papers, espe	REACH Candidate List: 0.1%, REACH Annex XIV				P
All	Nonylphenol, 4-, branched and linear <i>[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 o	This is part of the alkyl phenol ethoxylate group of substances used in detergents, inks, etc and have been voluntarily removed from the market by many companies. One concern is endocrine effects from environmental release. Found in printed papers, espe	REACH Candidate List: 0.1%, REACH Annex XIV				P
All	Aluminosilicate Refractory Ceramic Fibres <i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EU) No 1272/2008 of the European Parliament and of the Council of 16 DEUember 2008 on classification, labelling	Used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process eq	REACH Candidate List: 0.1%				D

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
All	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EU) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification,	Used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process eq	REACH Candidate List: 0.1%				D
All	Chlorofluorocarbons (CFC)	In cleaning agents, refrigerants, propellants in aerosol spray, blowing agents for making foam and in air-condition system.	2037/2000/EC		Montreal Protocol, The Hong Kong Convention	EPA Ozone Layer protection Danish Regulation 1386/2015	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
ALL	Conflict minerals from DR Congo or adjoining countries. The minerals include gold, tin, tantalum and tungsten or their derivatives.					Wall Street Reform and Consumer Protection Act. Section 1502. OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas. In support of Danfoss' policy on conflict minerals, suppliers are required to supply materials to Danfoss that are DRC Conflict-Free. That means that the materials do not contain tantalum, tin, tungsten or gold (3TG) or if products supplied to Danfoss do contain these minerals, the minerals must originate outside the DRC, come from scrap or recycled sources, or be supplied from smelters that have been validated by an independent private sector party to be conflict-free. Suppliers are required to adopt policies and management systems with respect to conflict minerals and to require their suppliers to adopt similar policies and	D
All	BNST - Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene	Antioxidant in lubricants					P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
All	Pentachlorophenol and by-products of its synthesis (complex mixture)	Pesticide, disinfectant			Stockholm Convention; California Prop65		P
All	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]	Manufacture of polymers; formulation in	REACH Candidate List 0.1%				D
All	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	Plasticiser, lubricant, wetting agent, corrosion inhibitor and in fire-fighting foams	REACH Candidate List 0.1%				D
26447-40-5	Methylenediphenyl diisocyanate (MDI) including isomers	In foam packaging systems, use allowed in embedding of electronics and in adhesives	REACH Annex XVII: 0.1%			Danfoss decision	P
5873-54-1	Methylenediphenyl diisocyanate (MDI), 2,4'-	In foam packaging systems, use allowed in embedding of electronics and in adhesives	REACH Annex XVII: 0.1%			Danfoss decision	P

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CAS Number	Substance Identification	Occurrence, Common use	EU Regulation	EU Directives	Convention Protocols	Other Comments	Status
2536-05-2	Methylenediphenyl diisocyanate (MDI), 2,2'-	In foam packaging systems, use allowed in embedding of electronics and in adhesives	REACH Annex XVII: 0.1%			Danfoss decision	P