

Confirmation Sheet of Controlled Substances (SVHC)

(Form C)
Revised on January 25th, 2024

- (1) Please fill in and provide a response in the bold frame. In case of any changes in submitted contents, or in materials and processes for deliverables (product group to be evaluated), please submit the form again.
(2) The number of columns are not sufficient, make a copy of the column.

Requesting party's Entries	
Date of sending	
Contact department person	
Contact department person in charge	
Contact telephone No.	
Contact Email address	
Requesting department (person in charge)	
Requesting department Email address	

<<Supplier's Entries>>	
Date of entry	
Company name	
Address	
Department name	
Person in charge	Seal
Telephone No.	
FAX No.	
Email address of person in charge	

1. We have confirmed that the concentration of controlled substances (SVHC) are as Section 2.

Please submit chemSHERPA-AI data regardless of the concentration of the substances.

No.	Name of deliverable (product group to be evaluated)	Deliverable No./Packaging material No.	Concentration of Substances of Very High Concern (SVHC)
1			Choose
2			Choose
3			Choose
4			Choose
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8			Choose
9			Choose
10			Choose

2. Controlled Substances (SVHC)

Ver	No.	Substance Name	CAS No. *1, *2	Examples of use
1	1	Anthracene	120-12-7	Black rubber or plastics product
	2	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	Curing agent of epoxy resin and polyurethane resin
	3	Dibutyl phthalate (DBP)	84-74-2	Plasticizer for Vinyl chloride resin etc.
	4	Cobalt dichloride (CoCl ₂)	7646-79-9	Humidity indicator (Use it with silicagel etc.)
	5	Diarsenic pentoxide	1303-28-2	Dye, metallurgy, and wood preservative
	6	Diarsenic trioxide	1327-53-3	Raw material of metallic arsenic, Lucidity agent (decolorant and defoaming agent) of special glass
	7	Sodium dichromate	7789-12-0	Manufacturing of chromium compound (chromium sulfate)
	8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	10588-01-9	Manufacturing of inorganic chrome relational pigments
	9	Di(2-ethylhexyl) phthalate (DEHP)	81-15-2	Flavor ingredient
		Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	Plasticizer for Vinyl chloride resin
	10	Hexabromocyclododecane (HBCDD) [and all major diastereoisomers identified]		
		Hexabromocyclododecane	25637-99-4	
		1,2,5,6,9,10-hexabromocyclododecane	3194-55-6	Flame retardant
		alpha-hexabromocyclododecane	134237-50-6	
		beta-hexabromocyclododecane	134237-51-7	
		gamma-hexabromocyclododecane	134237-52-8	
	11	Short Chain Chlorinated Paraffins (C10-C13)		
		Short Chain Chlorinated Paraffins (C10-C13)	85535-84-8	Rubber, paints, gasket, adhesive lubricant, flame retardant, and plasticizer
		Substances other than those listed above	(JAMP-SN1023)	
	12	Tributyl Tins Oxide (TBTO)	56-35-9	Fungicide and antifoulant paint
	13	Lead hydrogen arsenate	7784-40-9	Insecticide and wood preservative
	14	Butylbenzyl phthalate (BBP)	85-68-7	Plasticizer for Vinyl chloride resin
	15	Triethyl arsenate	15606-95-8	Insecticide and wood preservative
2	16	2,4-Dinitrotoluene	121-14-2	Organic synthetic raw material (toluenediamine, intermediate of explosives, dyes)
	17	Anthracene oil	90640-80-5	
	18	Anthracene oil, anthracene-low	90640-82-7	
	19	Anthracene oil, anthracene paste	90640-81-6	Manufacture of substances such as anthracene and carbon black, reducing agents in blast furnaces, components in bunker fuel, for impregnating, sealing and corrosion protection
	20	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	
	21	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	
	22	Diisobutyl phthalate	84-69-5	Manufacture of substances as plasticiser, gelling aid in combination with other plasticisers, which are widely used for plastics, lacquers, paints.
	23	Lead chromate	7758-97-6	Pigment, coating agent, varnishes, or embalming agent in industrial and maritime paint products
	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	Colouring agent such as the rubber, plastic, paints, and coatings, etc.
	25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	Colouring agent such as the rubber, plastic, paints, and coatings, etc.
	26	Pitch, coal tar, high temp.	65996-93-2	Materials for molding electrode/ carbon products, insulating shell filler, coal briquette binding agent
	27	Tris (2-chloroethyl) Phosphate	115-96-8	Plasticiser and viscosity regulator with flame-retarding properties for acrylic resins, polyurethane, polyvinyl, etc. adhesives, flame resistant paints
	28	Acrylamide	79-06-1	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 research purposes and as grouting agents in civil engineering.
3	29	Trichloroethylene	79-01-6	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.
	30	Boric acid	10043-35-3	Boric acid is widely used on account of its consistency-in wood veneers/ pressed wooden panels as starch additive, flame retardant and stabilizer in aminoplastic resin, wood preservative, as flame retardant in wood, cotton and other plant derived material and other products.
			11113-50-1	
	31	Disodium tetraborate, anhydrous	1330-43-4	Disodium tetraborate and tetraboron disodium heptaoxide form the same compounds in aqueous solutions.
		Disodium tetraborate, pentahydrate	12179-04-3	Uses include a multitude of applications, e.g. in wood veneers/ pressed wooden panels as starch additive, flame retardant and stabilizer in aminoplastic resin, wood preservative
		Disodium tetraborate decahydrate	1303-96-4	
	32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	
	33	Sodium chromate	7775-11-3	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 not clear.
	34	Potassium chromate	7789-00-6	Potassium chromate is used as a corrosion inhibitor for treatment and coating of metals, for manufacture of reagents, chemicals and textiles, as a colouring agent in ceramics, in the manufacture of pigments/inks and in the laboratory as analytical agent.
	35	Ammonium dichromate	7789-09-5	Ammonium dichromate is mainly used as an oxidising 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.
	36	Potassium dichromate	7778-50-9	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 other reagents and as oxidising agent in photolithography.
4	37	Cobalt(II) sulphate	10124-43-3	Mainly used in the production of other chemicals. Further applications may include manufacture of catalysts and driers, surface treatments(such as electroplating), corrosion prevention, production of pigments, decolourising (in glass, pottery), batteries, animal food supplement, soil fertilizer, and others.
	38	Cobalt(II) dinitrate	10141-05-6	Mainly used in the production of other chemicals and the manufacture of catalysts. Further applications may include surface treatments and batteries.
	39	Cobalt(II) carbonate	513-79-1	Mainly used in the manufacture of catalysts. Minor uses may include feed additive, production of other chemicals, production of pigments, and adhesion (in ground coat frit).

40	Cobalt(II) diacetate	71-48-7	Mainly used in the manufacture of catalysts. Minor uses may include production of other chemicals, surface treatment, alloys, production of pigments, dyes, rubber adhesion, and feed additive.	
41	2-Methoxyethanol	109-86-4	Mainly used as solvent, chemical intermediate and additive for fuels.	
42	2-Ethoxyethanol	110-80-5	Mainly used as solvent and chemical intermediate.	
43	Chromium trioxide	1333-82-0	Used for metal finishing and as fixing agent in waterborne wood preservatives.	
44	Acids generated from chromium trioxide and their oligomers:		These acids and their oligomers are generated when chromium trioxide is dissolved in water. Chromium trioxide is mainly used in form of aqueous solutions. Consequently, the uses of these substances are the same as indicated for chromium trioxide.	
	Oligomers of chromic acid and dichromic acid	(JAMP-SN0071)		
	Chromic acid	7738-94-5		
	Dichromic acid	13530-68-2		
5	45	2-Ethoxyethyl acetate	111-15-9	Coatings for metal products and furniture, solvent printing ink, solvent ink for electronic components
	46	Strontium chromate	7789-06-2	Coatings such as paints, varnishes, oil-colors, sealants, etc aeronautic/aerospace, coil coating or vehicle coating, corrosion inhibitor
	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant
	48	Hydrazine	7803-57-8 302-01-2	For the manufacture of plastic foam, boiler compound, reducing agent, polymerization catalyst, purifying agent
	49	1-Methyl-2-pyrrolidone	872-50-4	Resin solvent, acetylene solvent, MOS semiconductor manufacturing solvents, Electronics Cleaning, de-fluxing, edge bead removal, photoresist stripping
	50	1,2,3-Trichloropropane	96-18-4	Pesticides and solvents, Crosslinking agents for polysulfide elastomers and exafluoropropylene
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant	
6	52	Aluminosilicate Refractory Ceramic Fibres a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	142844-00-6	High-temperature insulation of industrial furnaces and equipment for the automotive and aircraft/aerospace industry) and in fire protection of buildings and industrial process equipment
		Ceramic Fibres	142844-00-6	
		Substances other than those listed above	(JAMP-SN0055)	
53	Calcium arsenate	7778-44-1	Calcium arsenate is present in complex raw materials (which themselves are by-products from metallurgical processes) that are used mainly for copper and lead refining. The substance is used to precipitate nickel from the molten metal and to manufacture diarsenic trioxide. However, most of the substance seems to be disposed of as waste	
54	Bis(2-methoxyethyl) ether	111-96-6	Bis(2-methoxyethyl) ether is used primarily as a reaction solvent or process chemical in a wide variety of applications. It is also used as solvent for battery electrolytes, and possibly in other products such as sealants, adhesives, fuels and automotive care products.	
55	Aluminosilicate, refractory ceramic fiber a)Composition: main component Al2O3, SiO2, additive: (Na2O + K2O + CaO + MgO + BaO) is equal to or less than 18 wt%. b)Shape: Length weighted geometric mean diameter of fiber minus 2 times geometric standard error < 6 µm	(JAMP-SN0007)	High-temperature insulation of industrial furnaces and equipment for the automotive and aircraft/aerospace industry) and in fire protection of buildings and industrial process equipment	
56	Potassium hydroxyoctaoxidodizincatedichromate	11103-86-9	Potassium hydroxyoctaoxidodizincatedichromate is mainly used in coatings in the aeronautic/ aerospace, steel and aluminium coil coating and vehicle coating sectors.	
57	Lead dipicrate	6477-64-1	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.	
58	N,N-dimethylacetamide [DMAC]	127-19-5	N,N-dimethylacetamide is 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, insulation paper, polyimide films, paint strippers and ink removers.	
59	Arsenic acid	7778-39-4	Arsenic acid is mainly used to remove gas bubbles from ceramic glass melt (fining agent) and in the production of laminated printed circuit boards. To lesser extent the substance is also used in the manufacture of semiconductors and as laboratory agent.	
60	2-Methoxyaniline; o-Anisidine	90-04-0	2-Methoxyaniline is mainly used in the manufacture of dyes for tattooing and coloration of paper, polymers and aluminium foil.	
61	Trilead diarsenate	3687-31-8	Trilead diarsenate is present in complex raw materials 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 arsenate and diarsenic trioxide. Whereas most of the calcium arsenate appears to be disposed of as waste the diarsenic trioxide is used further.	
62	1,2-Dichloroethane	107-06-2	1,2-Dichloroethane is mainly used for manufacture of other substances. Minor uses as solvent in the chemical and pharmaceutical industry, as well as in laboratories	
63	Pentazine chromate octahydroxide	49663-84-5	Pentazine chromate octahydroxide is mainly used in coatings in the vehicle coating and aeronautic / aerospace sectors.	
64	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol is mainly used in the manufacture of polymer preparations and of ethoxylate surfactants. It is further used as a component in adhesives, coatings, inks and rubber articles.	
65	Formaldehyde, oligomeric reaction products with aniline [technical MDA]	25214-70-4	Technical MDA is mainly used for manufacture of other substances. Minor uses are as ion exchange resins in nuclear power plants, as hardener for epoxy resins, e.g. for the production of rolls, pipes and moulds, and as well for adhesives.	
66	Bis(2-methoxyethyl) phthalate	117-82-8	Bis(2-methoxyethyl) phthalate seems not to be manufactured in or imported to the EU in quantities above 1 t/y. Main uses in the past were as plasticiser in polymeric materials and paints, lacquers and varnishes, including printing inks.	
67	Lead azide Lead diazide	13424-46-9	Lead diazide is mainly used as initiator or booster in detonators for both civilian and military uses and as initiator in pyrotechnic devices.	
68	Lead styphnate	15245-44-0	Lead styphnate is mainly used as a primer for small calibre and rifle ammunition. Other common uses are in ammunition pyrotechnics, powder actuated devices and detonators for civilian use.	
69	2,2'-dichloro-4,4'-methylenedianiline [MOCA]	101-14-4	2,2'-Dichloro-4,4'-methylenedianiline is 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.	
70	Phenolphthalein	77-09-8	Phenolphthalein is mainly used as laboratory agent (pH indicator solutions). Minor uses are in pharmaceutical preparations and in some special applications (e.g. pH-indicator paper, disappearing inks).	
71	Dichromium tris(chromate)	24613-89-6	Dichromium tris(chromate) is mainly used in mixtures for metal surface treatment in the aeronautic/aerospace, steel and aluminium coating sectors.	
7	72	1,2-bis(2-methoxyethoxy)ethane [TEGDME, triglyme]	112-49-2	Mainly used as a solvent or as a processing aid in the manufacture and formulation of industrial chemicals. Minor use in brake fluids and repair of motor vehicles.
	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether [EGDME]	110-71-4	Mainly used as a solvent or as a processing aid in the manufacture and formulation of industrial chemicals, including use as an electrolyte solvent in lithium batteries.
	74	Diboron trioxide	1303-86-2	Used in a multitude of applications, e.g. in glass and glass fibres, frits, ceramics, flame retardants, catalysts, industrial fluids, metallurgy, nuclear, electrical equipment, adhesives, inks/paints, film developing solutions, detergents and cleaners, reagent chemicals, biocides and insecticides.
	75	Formamide	75-12-7	Mainly used as an intermediate in the manufacture of agrochemicals, pharmaceuticals and industrial chemicals. Minor uses as a solvent, as a laboratory reagent for quality control purposes in forensic laboratories, hospitals, pharmaceutical companies, food and drinks manufacturers and research laboratories. The substance seems to also be used as a plasticiser.
	76	Lead(II) bis(methanesulfonate)	17570-76-2	Mainly used in plating processes (both electrolytic and electroless) for electronic components (such as printed circuit boards). The substance seems to also be used for batteries in special applications.
	77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	Mainly used as a hardener in resins and coatings. Also used in inks for the printed circuit board industry, electrical insulation material, resin moulding systems, laminated sheeting, silk screen printing coatings, tools, adhesives, lining materials and stabilisers for plastics.

78	β -TGIC (1,3,5-tris(2S and 2R)-2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	Mainly used as a solder mask ink in the EU. Also used in electrical insulation material, resin moulding systems, laminated sheeting, silk screen printing, coatings, tools, adhesives, lining materials and stabilisers for plastics.
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	Used as an intermediate in the manufacture of triphenylmethane dyes and other substances. Further potential uses include use as an additive (photosensitiser) in dyes and pigments, in dry film products and as a process chemical in the production of electronic circuit boards.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	Used as an intermediate in the manufacture of dyes and other substances.
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	Used mainly for paper colouring and inks supplied in printer cartridges and ball pens. Further uses include staining of dried plants, use as a marker for increasing the visibility of liquids, staining in microbial and clinical laboratories.
82	[4-[[4-anilino-1-naphthyl]]4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	Used in the formulation of inks, cleaners, and coatings, as well as for dyeing paper, packaging, textiles, plastic products, and other types of articles. It is also used in diagnostic and analytical applications.
83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	Mainly used in the formulation of printing and writing inks, for dyeing paper and in mixtures such as windscreen washing agents.
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	Used in the formulation of writing inks and potentially other inks, as well as for dyeing a variety of materials.
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	Plastic, fabric and product flame retardant
86	Pentacosafuorododecanoic acid	72629-94-8	Manufacture and additive of fluoroplastic
87	Tricosafuorododecanoic acid	307-55-1	Manufacture and additive of fluoroplastic
88	Henicosafuoroundecanoic acid	2058-94-8	Manufacture and additive of fluoroplastic
89	Heptacosafuorotetradecanoic acid	376-06-7	Manufacture and additive of fluoroplastic
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] Poly(oxy-1,2-ethanediyl), α -[1,1,3,3-tetramethylbutyl]phenyl]-o-hydroxy- Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether 20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxacosan-1-ol 2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol, Substances other than those listed above (JAMP-SN0081)	9036-19-5 9002-93-1 2497-59-8 2315-67-5 2315-61-9	Emulsifier for emulsion polymerization, textile and leather auxiliary agent, pesticide formulation, veterinary medicine products, water-based paint, intermediate for manufacturing of octylphenol ether sulfate
91	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] p-(1-methyloctyl)phenol p-nonylphenol 4-(1-Ethyl-1,4-dimethylpentyl)phenol 4-(1-Ethyl-1,3-dimethylpentyl)phenol p-(1,1-dimethylheptyl)phenol 4-(1-ethyl-1-methylhexyl)phenol p-isononylphenol Phenol, 4-nonyl-, branched 4-(1,1,5-Trimethylhexyl)phenol Isononylphenol Phenol, nonyl-, branched 4-(3-ethylheptan-2-yl)phenol Nonylphenol Substances other than those listed above (JAMP-SN0082)	17404-66-9 104-40-5 142731-63-3 186825-36-5 30784-30-6 52427-13-1 26543-97-5 84852-15-3 521947-27-3 11066-49-2 90481-04-2 186825-39-8 25154-52-3	Spinning auxiliary agent, cleaning, car care products, paint, print ink, water-based paint, wetting agent for pesticide, metal lubricant, plastic antioxidant and plasticizer
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	Rubber and synthetic-resin foaming agent
93	Cyclohexane-1,2-dicarboxylic anhydride [all possible combinations of the cis- and trans-isomers] Cyclohexane-1,2-dicarboxylic anhydride cis-cyclohexane-1,2-dicarboxylic anhydride trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	Manufacture of polyester and alkyd resin, thermoplastic resin plasticizer, epoxy-resin curing agent, thermoplastic resin cross-linker, insecticide, corrosion inhibitor
94	Hexahydromethylphthalic anhydride [including cis- and trans- stereo isomeric forms and all possible combinations of the isomers] Hexahydromethylphthalic anhydride Hexahydro-4-methylphthalic anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	Manufacture of polyester and alkyd resin, thermoplastic resin plasticizer, epoxy-resin curing agent, thermoplastic resin cross-linker, insecticide, corrosion inhibitor
95	Methoxyacetic acid	625-45-6	Organic synthetic raw materials
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	Used for analysis.
97	Diisopentylphthalate	605-50-5	Manufacture of pesticide, resin plasticizer of vinyl chloride, etc.
98	N-pentyl-isopentylphthalate	776297-69-9	Plastic plasticizer
99	1,2-Diethoxyethane	629-14-1	Organic synthetic solvent including ester gum, shellac, resin, and oil, etc.
100	N,N-dimethylformamide	68-12-2	Cleaning solvent for leather, artificial leather, and fabric, cleaning solvent for electrical device and integrated circuit, organic-synthetic reaction agents and catalyst, petrochemical selective absorbents
101	Dibutyltin dichloride (DBTC)	683-18-1	Rubber additive, vinyl chloride stabilizer, polyurethane and silicon resin catalyst, insulating material and coated materials, intermediate for dibutyltin manufacturing
102	Acetic acid, lead salt, basic	51404-69-4	-
103	Trilead bis(carbonate)dihydroxide	1319-46-6	Ceramics, enamel glaze, paint, vinyl chloride stabilizer, pigment, rubber
104	Lead oxide sulfate	12036-76-9	-
105	[Phthalato(2-)]dioxotrilead	69011-06-9	-
106	Dioxobis(stearato)trilead	12578-12-0	-
107	Fatty acids, C16-18, lead salts	91031-62-8	-
108	Lead bis(tetrafluoroborate)	13814-96-5	Solder plating, alloy plating, electrolytic plating electrolyte
109	Lead cyanamidate	20837-86-9	Corrosion inhibitor, pigment
110	Lead dinitrate	10099-74-8	-
111	Lead monoxide (lead oxide)	1317-36-8	Vinyl chloride stabilizer, radiation protective agents including fluorescent light, vacuum tube, and cathode-ray tube, etc., optical glass, pigment, paint, storage battery plate, vulcanization accelerator, ceramic, enamel, general glass, electronic material
112	Orange lead (lead tetroxide)	1314-41-6	Paint, radiation protective agents including fluorescent light, vacuum tube, and cathode-ray tube, etc., optical glass, general glass, ceramic, enamel, storage battery, pigment, rubber, medicine, synthetic resin, electronic material
113	Lead titanium trioxide	12060-00-3	-
114	Lead titanium zirconium oxide	12626-81-2	-
115	Pentalead tetraoxide sulphate	12065-90-6	-
116	Pyrochlore, antimony lead yellow	8012-00-8	-
117	Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	-
118	Silicic acid, lead salt	11120-22-2	-
119	Sulfurous acid, lead salt, dibasic	62229-08-7	-
120	Tetraethyllead	78-00-2	Octane booster
121	Tetralead trioxide sulphate	12202-17-4	-
122	Trilead dioxide phosphonate	12141-20-7	-
123	Furan	110-00-9	-
124	Methyloxirane (Propylene oxide)	75-56-9	Raw materials for polyester resin, synthetic resin raw materials
125	Diethyl sulphate	64-67-5	Dye, medicine, agricultural chemical, fine chemical, quaternary ammonium compound synthetic agent
126	Dimethyl sulphate	77-78-1	Organic synthetic methylating agents, pharmaceutical raw materials
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	-
128	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	-
129	4,4'-methylenedi-o-toluidine	838-88-0	Epoxy resin, urethane-resin curing agent
130	4,4'-oxydianiline and its salts Substances other than those listed above (JAMP-SN1005)	101-80-4	Materials for polyimide, polyamide-imide, polyamide, polymer compound materials and cross-linker including other epoxies, and urethane, etc.
131	4-Aminoazobenzene	60-09-3	-
132	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	Polyurethane-resin material, dye intermediate
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	Various azo dye intermediate, intermediates such as Eosamine B, Coccinine B, Diamine Fast Violet BBN
134	Biphenyl-4-ylamine	92-67-1	-
135	o-aminoazotoluene	97-56-3	-

	136	o-Toluidine	95-53-4	Azo and sulfide dye intermediates, raw materials for dye and pigment intermediates, raw materials for epoxy resin curing agents
	137	N-methylacetamide	79-16-3	-
	138	1-bromopropane (n-propyl bromide)	106-94-5	Medicine and agricultural chemical intermediate
9	139	Cadmium	7440-43-9	pigment, battery, plating
	140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	intermediates, additive for resin, other products use (catalyst)
	141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	additive, rebbering agent of the paint, aqueous film formation bubble digestive, surfactant
	142	Dipentyl phthalate (DPP)	131-18-0	plastic plasticizer
	143	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] Nonylphenol, ethoxylated: Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy- Nonylphenol, ethoxylated (EO = 10) Nonylphenol, ethoxylated (EO = 4) Nonylphenol, ethoxylated (polymer) Nonylphenolpolyglycoether 4-Nonylphenol, ethoxylated 2-[2-[2-(4-(4-nonylphenoxy)ethoxy)ethoxy]ethoxy]ethanol 2-[2-(4-nonylphenoxy)ethoxy]ethanol 20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxacosan-1-ol 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy-, branched; Nonylphenol, branched, ethoxylated 2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol 14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol Ethanol, 2-(4-nonylphenoxy)- 4-Nonylphenol, branched, ethoxylated 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)- 4-t-Nonylphenol-diethoxylate Isononylphenol, ethoxylated p-Nonylphenol hexaethoxylate 23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaoxatricosan-1-ol 2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol 2-[2-(nonylphenoxy)ethoxy]ethanol 20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxacosan-1-ol 29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaonanacosanol 2-(nonylphenoxy)ethanol 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol 44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaaxatetradecacosanol 20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxacosan-1-ol 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched 2-(isononylphenoxy)ethanol 3,6,9,12,15,18,21,24,27-Nonaonanacosan-1-ol, 29-(isononylphenoxy)- 3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)- Substances other than those listed above (JAMP-SN0083)	9016-45-9 (JAMP-SN0083) (JAMP-SN0083) (JAMP-SN0083) (JAMP-SN0083) 26027-38-3 7311-27-5 20427-84-3 27942-27-4 14409-72-4 68412-54-4 111949-37-4 26264-02-8 26571-11-9 104-35-8 127087-87-0 20636-48-0 156609-10-8 37205-87-1 34166-38-6 27177-05-5 111949-38-5 27176-93-8 27177-03-3 27177-08-8 27986-36-3 42173-90-0 57321-10-5 65455-69-8 91648-64-5 85005-55-6 65455-72-3 27177-01-1 (JAMP-SN0083)	surfactant raw materials, dyes, ink, industrial detergent
	144	Cadmium oxide	1306-19-0 12139-21-8	stabilizer, antioxidant, electronics industry materials (semiconductor), pharmaceutical industry, as well as in laboratories, electroplating
10	145	Cadmium sulphide	1306-23-6	coloring agent
	146	Disodium 4-amino-3-[[4'-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	dyes, clinical reagent
	147	Dihexyl phthalate	84-75-3	flooring, grip part of the tool, motor parts
	148	Imidazolide-2-thione; (2-imidazole-2-thio)	96-45-7	vulcanized accelerant (chloroprene rubber, chlorination polyethylene, etc)
	149	Trixylyl phosphate	25155-23-1	flame retardant, plastic plasticizer
	150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	dyes, laboratory agent
	151	Lead diacetate	301-04-2	dyes, pigment, paint, adjuvant of the dye, medicine/intermediate for medicine
11	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	sealant/jointing agents, engine oil stabilizer, automotive gear lubricant, medical devices (DEHP), general purpose PVC (DEHP), adhesives and inks (DIBP)
	153	Cadmium chloride	10108-64-2 7790-78-5	For production of organic cadmium compounds, Raw material for electrogalvanizing, Raw material for electroplating, Laboratory reagent (industrial & professional), Component for production of PV (photovoltaic) modules
	154	Sodium perborate; perboric acid, sodium salt Perboric acid (H3BO2(O2)), monosodium salt, trihydrate Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2) Sodium perborate Perboric acid, sodium salt Perboric acid, sodium salt, tetrahydrate Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:7) Perboric acid (H3BO2(O2)), monosodium salt, monohydrate Perboric acid (HBO(O2)), sodium salt, tetrahydrate	13517-20-9 90568-23-3 15120-21-5 11138-47-9 125022-34-6 37244-98-7 10332-33-9 10486-00-7	bleaching agent in laundry detergents and machine dishwashing products, in cleaning products and in cosmetic preparations
	155	Sodium peroxometaborate	7632-04-4	bleaching agent in laundry detergents and machine dishwashing products.
12	156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	ultraviolet rays absorbent, adhesive, paint, print ink
	157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	additive for resin, adhesive for hard vinyl chloride pipe joining
	158	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	(JAMP-SN0084)	-
	159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	ultraviolet rays absorbent
	160	Cadmium fluoride	7790-79-6 10124-36-4 31119-53-6 7790-84-3 15244-35-6	reagent, pharmaceutical industry as well as in laboratories, battery, plating, pigment, electrical contact materials
	161	Cadmium sulphate	7790-84-3 15244-35-6	reagent, catalysts, plating (printed circuit board), pigment, battery
13	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 0.3% of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68648-93-1 68515-51-5	plastic and rubber plasticizer, cable, adhesive, lubricant, coating agent
	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof] Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane; 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-, trans- 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)- 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel- 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	117933-89-8 676367-06-9 (JAMP-SN0085) (JAMP-SN0085) 186309-28-4 676367-05-8 343934-04-3 676367-09-2	synthetic perfume, perfume, soap, detergent, shampoo

		1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-cis-	676367-04-7		
		1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-trans-	676367-08-1		
		1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-cis-	676367-03-6		
		1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-trans-	676367-07-0		
		1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-cis-	676367-02-5		
		Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane	(JAMP-SN0105)		
		Substances other than those listed above	(JAMP-SN0085)		
14	164	1,3-propanesultone	1120-71-4	Electrolyte fluid of lithium ion batteries	
	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	UV-protection agents in coatings, plastics, rubber and cosmetics	
	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	UV-protection agents in coatings, plastics, rubber and cosmetics	
	167	Nitrobenzene	98-95-3	Manufacture of other substances	
	168	Perfluorononan-1-oiic 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	
		Perfluorononan-1-oiic acid	375-95-1		
		Sodium salts of perfluorononan-1-oiic acid	21049-39-8		
		Ammonium salts of perfluorononan-1-oiic acid	4149-60-4		
15	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	Main products and by-products of distillation of coal tar, industries related to carbon and graphite (such as binding agents for products), aluminium industry (binding agents for electrodes), formation and end use of adhesives, paint, and water-repellent materials	
16	170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	Manufacture of polycarbonate, epoxy resins and chemicals	
	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		Lubricant, wetting agent, plasticiser and corrosion inhibitor	
		Nonadecafluorodecanoic acid	335-76-2		
		sodium nonadecafluorodecanoate; Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3		
		Ammonium nonadecafluorodecanoate	3108-42-7		
	172	p-(1,1-dimethylpropyl)phenol	80-46-6	Manufacture of chemicals and plastic products	
	173	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 into lubricants	
		4-heptylphenol	1987-50-4		
		Phenol, heptyl derivs.	72624-02-3		
		Phenol, 4-(1,1-diethylpropyl)-	37872-24-5		
		Phenol, 4-(1,1-dimethylpentyl)-	30784-31-7		
		Phenol, 4-(1,2,2-trimethylbutyl)-	911371-06-7		
		Phenol, 4-(1,2-dimethylpentyl)-	854904-93-1		
		Phenol, 4-(1,3,3-trimethylbutyl)-	911371-07-8		
		Phenol, 4-(1,3-dimethylpentyl)-	71945-81-8		
		Phenol, 4-(1,4-dimethylpentyl)-	857629-71-1		
		Phenol, 4-(1-ethyl-2,2-dimethylpropyl)-	861010-65-3		
		Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-	30784-27-1		
		Phenol, 4-(1-ethylpentyl)-	6465-74-3		
		Phenol, 4-(1-methylhexyl)-	6863-24-7		
		Phenol, 4-(1-propylbutyl)-	6465-71-0		
		Phenol, 4-(3-ethylpentyl)-	911370-98-4		
		Phenol, 4-(3-methylhexyl)-	102570-52-5		
		Phenol, 4-(4-methylhexyl)-	1139800-98-8		
		Phenol, 4-(5-methylhexyl)-	100532-36-3		
		Phenol, 4-[2-methyl-1-(1-methylethyl)propyl]-	1824346-00-0		
		4-(2,3-dimethylpentan-2-yl)phenol	861011-60-1		
		4-(3-methylhexan-3-yl)phenol	30784-32-8		
		Phenol, 4-tert-heptyl	288864-02-8		
		Phenol, 4-(1,1,3-trimethylbutyl)-	33104-11-9		
		Phenol, 4-(1,1,2,2-tetramethylpropyl)-	72861-06-4		
		Phenol, 4-(1-ethyl-3-methylbutyl)-	854904-92-0		
		Substances other than those listed above	(JAMP-SN0089)		
17		Perfluorohexane-1-sulphonic acid and its salts [PFHSs]			
		tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0		
		ammonium perfluorohexane-1-sulphonate	68259-08-5		
		potassium perfluorohexane-1-sulphonate	3871-99-6		
		perfluorohexane-1-sulphonic acid	355-46-4		
		Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-24-0		
		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3		
		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4		
		Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1):(1:1)	1329995-45-0		
		Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1):(1:1)	1329995-69-8		
		Sulfonium, (thiodi-4,1-phenylene)bis(diphenyl)-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	421555-73-9		
		Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	421555-74-0		
		Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	425670-70-8		
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9		
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0		
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1		
		Iodonium, bis[1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)	866621-50-3		
		Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2		
174		Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	911027-68-4		Carpets, leather and clothing, woven fabrics, paper/packaging, household cooking tools, sprays, fire extinguishing foam, metal plating, aircraft hydraulic oil, electronic equipment, medical and health care products, chemical adjustment oil, mining production, construction products, agricultural chemicals
		Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1.3.7]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1.3.7]dec-1-yl-2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5		
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1		
		Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7		
		Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9		

	Quolinium, 1-(carboxymethyl)-4-[2-[4-(2,2-diphenylethyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[<i>b</i>]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	146214-59-0	
	Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7	
	Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1)	202189-84-2	
	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)	341035-71-0	
	Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	341548-85-4	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7	
	Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	108427-55-0	
	1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	108427-54-9	
	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5	
	Substances other than those listed above	(JAMP-SN0090)	
18	Dodecachloropentacyclo[12.2.1.16.9.02.13.05.10]octadeca-7,15-diene ("Dechlorane Plus™") [covering any of its individual anti- and syn-isomers or any combination thereof]		
	1,6,7,8,9,14,15,16,17,18,18-dodecachloropentacyclo[12.2.1.16.9.02.13.05.10]octadeca-7,15-diene	13560-89-9	
175	(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02.13.05.10]octadeca-7,15-diene	135821-74-8	Used as a non-plasticising flame retardant, used in adhesives and sealants and in binding agents.
	(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02.13.05.10]octadeca-7,15-diene	135821-03-3	
	rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	
	rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	
176	Benz[a]anthracene	56-55-3	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.
177	Cadmium carbonate	513-78-0	Used as a pH regulator and in water treatment products, laboratory chemicals, cosmetics and personal care products.
178	Cadmium hydroxide	21041-95-2	Used in laboratory chemicals and for the manufacture of electrical, electronic and optical equipment.
179	Cadmium nitrate	10325-94-7	Used in laboratory chemicals and for the manufacture of glass, porcelain and ceramic products.
180	Chrysene	218-01-9	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.
	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]		
	Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	93925-00-9	
181	Reaction product of 1,3,4-thiadiazolidine-2,6-dithione, formaldehyde and phenol, heptyl derivs.	1471311-26-8	Used as a lubricant additive in lubricants and greases.
	Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. <<Note: Included in Candidate List of Substances of Very High Concern for Authorisation under REACH(SVHC) if the following conditions apply. [containing >= 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]>>	(JAMP-SN0106)	
	Substances other than those listed above	(JAMP-SN0091)	
19	benzen-1,2,4-tricarboxylic acid 1,2 anhydride(trimellitic anhydride)(TMA)	552-30-7	Epoxy hardeners, coatings, pigments, surfactants, adhesives
	Benzo[ghi]perylene	191-24-2	Impurity in carbon black
	Decamethylcyclotrisiloxane (D5)	541-02-6	Raw material for cleaning products, waxes, cosmetics, personal care products, silicone products
	Dicyclohexyl phthalate(DCHP)	84-61-7	Plasticizer for moisture-proof cellophane, PVC, rubber, plastic products
	Disodium octaborate	12008-41-2	Insect repellent, preservative, termite prevention agent for wood, etc.
	Dodecamethylcyclotrisiloxane (D6)	540-97-6	Raw material for cleaning products, waxes, cosmetics, personal care products, silicone products
	Ethylenediamine	107-15-3	Epoxy resins, adhesives, surfactants, coating products, putties
	Lead	7439-92-1	Alloys (iron, copper), solders, metal surface treatment, polymers
	Octamethylcyclotetrasiloxane (D4)	556-67-2	Cleaning products, waxes, cosmetics, personal care products
	Terphenyl hydrogenated	61788-32-7	Plastic additives, solvents, coatings/inks, adhesives, sealants, heat transfer media
20	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	Synthetic resin additives, liquid crystal raw materials, photosensitizers, information recording agents, epoxy resin raw materials
	Benzo[k]fluoranthene	207-08-9	Included as impurity in carbon black
	Fluoranthene	206-44-0	Included as impurity in carbon black
	Phenanthrene	85-01-8	Included as impurity in carbon black, Intermediates of functional compounds such as pigments or pharmaceuticals
	Pyrene	129-00-0	Included as impurity in coal tar oil
	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	Cosmetics, sunscreens
21	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]		
	potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	67118-55-2	
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	2062-98-8	
	ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	62037-80-3	
	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	13252-13-6	
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)	75579-40-7	
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)	75579-39-4	
	Substances other than those listed above	(JAMP-SN0098)	
199	2-Methoxyethyl acetate; ethylene glycol monomethyl ether acetate; methylglycol acetate	110-49-6	Paint / adhesive solvent, brake fluid, Solvent for cleaning electronic materials, solvent for printing ink, solvent for paint
200	4-tert-butylphenol	98-54-4	adhesives, raw materials for oil-soluble phenolic resins used in printing inks and inks, molecular weight regulator of polycarbonate resin, various synthetic resin modifiers, raw materials for fragrances and surfactants
	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)		
	Phenol, 4-nonyl-, phosphite (3:1)	3050-88-2	
201	tris(4-nonylphenyl, branched) phosphite	(JAMP-SN0107)	Antioxidant for plastic resin addition, organic rubber chemicals (antioxidant)
	tris(nonylphenyl) phosphite	26523-78-4	
	Phenol, p-isononyl-, phosphite (3:1)	31631-13-7	
	Phenol, p-sec-nonyl-, phosphite	106599-06-8	
	Substances other than those listed above	(JAMP-SN0099)	
22	2-benzyl-2-dimethylamino-4'-morpholinobutylphenone	119313-12-1	UV curing agent, Various electrical and electronic equipment coatings (UV curing agent), Paints, UV inks
	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	UV curing agent, Various electrical and electronic equipment coatings (UV curing agent), Paints, UV inks
	Diisohexyl phthalate	71850-09-4	Used as a plasticizer for certain plastics and rubbers
	Perfluorobutane sulfonic acid (PFBS) and its salts		
	bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate	(JAMP-SN0104)	
	1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate	(JAMP-SN0104)	
	lithium perfluorobutanesulfonate	131651-65-5	
	Triphenylsulfanium perfluorobutane sulfonate	144317-44-2	
	dimethyl(phenyl)sulfanium perfluorobutanesulfonate	220133-51-7	
205	tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	220689-12-3	Impurity in production of PFOS and alternative for PFOS, a surfactant which can be found in protective coatings and adhesives which are resistant to water, dirt, oils etc., flame retardant agent for polycarbonate
	N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4	
	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	29420-49-3	

		1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	375-73-5	
		morpholinium perfluorobutanesulfonate	503155-89-3	
		magnesium perfluorobutanesulfonate	507453-86-3	
		Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	68259-10-9	
		bis(4-tert-butylphenyl)iodonium perfluorobutanesulfonate	194999-85-4	
		Substances other than those listed above	(JAMP-SN0104)	
23	206	1-vinylimidazole	1072-63-5	polymer intermediates and monomers, paint, lacquer, varnish, surface treatment, cleaning agents
	207	2-methylimidazole	693-98-1	Epoxy resin curing agents, industrial disinfectants, rust inhibitors, antistatic agents, raw materials for pharmaceuticals and agrochemicals
	208	Butyl 4-hydroxybenzoate	94-26-8	cosmetics, personal care products and medicine
	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	catalyst, additives in the production of plastics
24	210	bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	solvent/extraction agent in inks and toners
		Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety		adhesives and sealants
	211	Diocetyl tin dilaurate	3648-18-8	
		diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	(JAMP-SN0108)	
		Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4	
		Substances other than those listed above	(JAMP-SN0108)	
25	212	1,4-dioxane	123-91-1	The substance is used in laboratory chemicals, pH regulators, water treatment products and as a solvent for the manufacture of other chemicals.
	213	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)		The substances are used in the manufacture of plastic products and chemicals.
		2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	36483-57-5	
		3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	1522-92-5	
		2,2-bis(bromomethyl)propane-1,3-diol (BMP)	3296-90-0	
		2,3-dibromo-1-propanol (2,3-DBPA)	96-13-9	
	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers (2R)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-31-3	The substance is used in the manufacture of fragrance substances for use in cleaning and personal care products.
		2-(4-tert-butylbenzyl)propionaldehyde	80-54-6	
		(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-30-2	
	215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	Production of phenolic and polycarbonate resin
	216	Glutaral	111-30-8	The substance is used as a biocide, in leather tanning and in X-ray film processing. A call for evidence to support a potential restriction proposal will be launched in the coming weeks for this substance and will be announced separately at that time
	217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]		The substances are used in polymers/rubbers, adhesives and sealants, coating products, working fluids and textile treatment products and dyes.
		Alkanes, C14-16, chloro	1372804-76-6	
		Alkanes, C14-17, chloro	85535-85-9	
		di-, tri- and tetrachlorotetradecane	(JAMP-SN1022)	
		Tetradecane, chloro derivs	198840-65-2	
		Substances other than those listed above	(JAMP-SN1022)	
	218	Orthoboric acid, sodium salt	25747-83-5	Solvent and corrosion inhibitor
		boric acid (H3BO3), sodium salt, hydrate	22454-04-2	
		Boric acid (H3BO3), disodium salt	14312-40-4	
		Trisodium orthoborate	1333-73-9	
		Boric acid, sodium salt	13840-56-7	
		Orthoboric acid, sodium salt	14890-53-0	
		Boric acid (H3BO3), sodium salt (1:1)		
	219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)		The substances are used in the manufacture of chemicals, rubber products and plastic products.
		Phenol, dodecyl-, branched	121158-58-5	
		Phenol, (tetrapropenyl) derivatives	74499-35-7	
		Phenol, 4-dodecyl, branched	210555-94-5	
		4-isododecyl phenol	27459-10-5	
		Phenol, tetrapropylene-	57427-55-1	
		Phenol, 4-isododecyl-	27147-75-7	
		Substances other than those listed above	(JAMP-SN1021)	
26	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)		The substance group is used as a UV filter in cosmetics and personal care products.
		(3E)-1,7,7-trimethyl-3-[(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	1782069-81-1	
		(1R,3E,4S)-1,7,7-trimethyl-3-[(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	95342-41-9	
		(1S,3Z,4R)-1,7,7-trimethyl-3-[(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-25-4	
		(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	36861-47-9	
		(1R,4S)-1,7,7-trimethyl-3-[(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	741687-98-9	
		(1S,3E,4R)-1,7,7-trimethyl-3-[(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-30-1	
		(1R,3Z,4S)-1,7,7-trimethyl-3-[(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-21-0	
	221	6,6-di-tert-butyl-2,2'-methylene-di-p-cresol	119-47-1	The substance is used as an antioxidant or stabiliser in the manufacture of polymers and as an additive in the rubber industry. The substance is also used by consumers and professional workers in lubricants, greases, adhesives, sealants, hydraulic fluids and metal working fluids.
	222	S-(tricyclo(5.2.1.0 ^{2,6})deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	The substance is used to formulate lubricants (additives) and greases that are used by professional workers and at industrial sites.
	223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	The substance is used to manufacture rubber and plastic, to formulate non-metal surface treatment solutions or dispersions and in sealants.
27	224	N-(hydroxymethyl)acrylamide	924-42-5	Textile, leather and resin modifiers, raw materials for paints and adhesives
28	225	1,1'-[ethane-1,2-diylbis(oxy)bis[2,4,6-tribromobenzene]	37853-59-1	Flame retardant
	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	As a reactive flame retardant and as an additive flame retardant in the manufacture of polymer resins, in products such as epoxy coated circuit boards, printed circuit boards, paper and textiles.
	227	4,4'-sulphonyldiphenol	80-09-1	thermal paper, pulp, paper and paper products, textile, leather or fur and chemicals.
	228	Barium diboron tetraoxide	13701-59-2	paints and coatings.
	229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof		As a flame retardant and as a plasticiser for flexible polyvinylchloride and for use in wire and cable insulation, film and sheeting, carpet backing, coated fabrics, wall coverings and adhesives.
		Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	
		Substances other than those listed above	(JAMP-SN1045)	
	230	Isobutyl 4-hydroxybenzoate	4247-02-3	coating products, fillers, putties, plasters, modelling clay and inks and toners.
	231	Melamine	108-78-1	polymers and resins, coating products, adhesives and sealants, leather treatment products.
	232	Perfluoroheptanoic acid and its salts		coating agent
		Ammonium perfluoroheptanoate	6130-43-4	
		potassium perfluoroheptanoate	21049-36-5	
		Perfluoroheptanoic acid	375-85-9	
		Sodium perfluoroheptanoate	20109-59-5	
	233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-2-(heptafluoropropyl)morpholine	(JAMP-SN1043)	Used in articles, in formulation or re-packing, at industrial sites and in manufacturing.
29	234	Bis(4-chlorophenyl) sulphone	80-07-9	Manufacture of chemicals, plastic products and rubber products.
	235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	Inks and toners, coating products, photo-chemicals, polymers, adhesives and sealants and fillers, putties, plasters, modelling clay.
30	236	Bumetizole (UV-326)	3896-11-5	Coating products, adhesives and sealants and washing and cleaning products.
	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	Air care products, coating products, adhesives and sealants, lubricants and greases, polishes and waxes and washing and cleaning products.
	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one (Omnirad 379)	119344-86-4	Inks and toners, coating products.
	239	2,4,6-tri-tert-butylphenol (2,4,6-TTBP)	732-26-3	Antioxidants and other conditioning additives (limited to those for lubricating oil or fuel oil)
	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol		Adhesives and sealants, coating products, fillers, putties, plasters, modelling clay, inks and toners and polymers.
		Phenol, methylstyrenated	68512-30-1	
		Substances other than those listed above	(JAMP-SN0094)	

(*) The CAS number is provided by referring to the SVHC list on the ECHA website.

(Reference) European Chemicals Agency (ECHA) SVHC List: <https://www.echa.europa.eu/candidate-list-table>

(**) For substances that do not have a CAS number, JAMP (Joint Article Management Promotion-consortium) assigned a number for convenience in order to facilitate information distribution.