

Regulatory controlled Substance List Ver. 6r20

EU REACH Regulation's Candidate List of substances of very high concern for Authorisation

30th publication of Candidate List of substances of very high concern for Authorization of REACH Regulation as of January 23rd, 2024.

For more details see below page.

<https://www.echa.europa.eu/candidate-list-table>

No.	Substances	CAS number	Example of Use
C001	Anthracene	120-12-7	Biocide, Wood preservative
C002	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	Dye, Resin hardener
C003	Dibutyl phthalate (DBP)	84-74-2	Plasticizer, Dye, Pigment, Paint, Ink, Adhesive, lubricant
C004	Cobalt dichloride	7646-79-9	Pneumatic panels to indicate water contamination
C005	Diarsenic pentaoxide	1303-28-2	Glass
C006	Diarsenic trioxide	1327-53-3	Glass
C007	Sodium dichromate	7789-12-0	Dye, Preservative
		10588-01-9	
C008	Musk xylene	81-15-2	Cosmetics
C009	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant
C010	Hexabromocyclododecane (HBCDD)	25637-99-4	Flame retardant mainly used for expanded polystyrene and some types of fiber
		3194-55-6	
		134237-50-6	
		134237-51-7	
		134237-52-8	
C011	Alkanes, C10-13, chloro (Short Chain Chlorinat-ed Paraffins)	85535-84-8	Plasticizer for PVC, flame retardant
C012	Bis(tributyltin)oxide	56-35-9	Antiseptic, antifungal agent, paint, pigment, antistaining, refrigerant, foaming agent, extinguishant, solvent cleaner
C013	Lead hydrogen arsenate	7784-40-9	Biocide
C014	Triethyl arsenate	15606-95-8	Wood preservative
C015	Benzyl butyl phthalate (BBP)	85-68-7	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant
C016	Anthracene oil	90640-80-5	Paint, Biocide, Wood preservative
C017	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	Paint, Biocide, Wood preservative
C018	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	Paint, Biocide, Wood preservative
C019	Anthracene oil, anthracene-low	90640-82-7	Paint, Biocide, Wood preservative
C020	Anthracene oil, anthracene paste	90640-81-6	Paint, Biocide, Wood preservative
C021	Pitch, coal tar, high temp.	65996-93-2	Paints, water proofing agent
C022	Aluminosilicate Refractory Ceramic Fibres	SN0007	Insulation in high-temp test equipment
C023	Zirconia Aluminosilicate Refractory Ceramic Fibres	SN0055	Insulation in high-temp test equipment
C024	2,4-Dinitrotoluene	121-14-2	Fungicide, Antifouling agent.
C025	Diisobutyl phthalate	84-69-5	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant
C026	Lead chromate	7758-97-6	Colorant in plastics; Colorant in paint
C027	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	Colorant in plastics; Colorant in red paint
C028	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	Colorant in plastics; Colorant in yellow paint
C029	Tris(2-chloroethyl)phosphate	115-96-8	Flame retardant
C030	Acrylamide	79-06-1	Synthetic fiber, Resin additive
C031	Trichloroethylene	79-01-6	Cleaning metal parts, Degreasing, Solvent in the alhesive
C032	Boric acid	10043-35-3	Biocide, Ceramic, Rubber, Flame retardant
		11113-50-1	
C033	Disodium tetraborate pentahydrate	1330-43-4	Fiberglass, Ceramics, adhesives
		12179-04-3	
		1303-96-4	
C034	Tetraboron disodium heptaoxide, hydrate	12267-73-1	Fiberglass, Ceramics, adhesives
C035	Sodium chromate	7775-11-3	Production of other chromium compounds.
C036	Potassium chromate	7789-00-6	Pigment, Ink
C037	Ammonium dichromate	7789-09-5	Photoreceptor screen (CRT) manufacturing.
C038	Potassium dichromate	7778-50-9	Metallurgical coating, Photolithography
C039	Cobalt(II) dinitrate	10124-43-3	Catalyst
C040	Cobalt(II) dinitrate	10141-05-6	Catalyst
C041	Cobalt(II) carbonate	513-79-1	Catalyst
C042	Cobalt(II) diacetate	71-48-7	Catalyst
C043	2-Methoxyethanol	109-86-4	Chemical intermediate
C044	2-Ethoxyethanol	110-80-5	Chemical intermediate
C045	Chromium trioxide	1333-82-0	Metal surface finishing
C046	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	7738-94-5	Metal surface finishing
		13530-68-2	
C047	2-ethoxyethyl acetate	111-15-9	Paint, ink solvent
C048	Strontium chromate	7789-06-2	Pigment, dyes, paints
C049	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant
C050	Hydrazine	7803-57-8	detergent, polymerization catalyst
		302-01-2	
C051	1-methyl-2-pyrrolidone	872-50-4	Pesticide, intermediate
C052	1,2,3-trichloropropane	96-18-4	chemical crosslinking
C053	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant
C054	Dichromium tris(chromate)	24613-89-6	Mainly used in mixtures for metal surface treatment in the aeronautic/aerospace, steel and aluminium coating sectors.
C055	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	Mainly used in coatings in the aeronautic/ aerospace, steel and aluminium coil coating and vehicle coating sectors.
C056	Pentazinc chromate octahydroxide	49663-84-5	Mainly used in coatings in the vehicle coating and aeronautic / aerospace
C057	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	Mainly used for manufacture of other substances. Minor uses are as hardener for epoxy resins, e.g. for the production of rolls, pipes and moulds, and as well for adhesives.
C058	Bis(2-methoxyethyl) phthalate	117-82-8	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant
C059	2-Methoxyaniline	90-04-0	Mainly used in the manufacture of dyes for tattooing and coloration of paper, polymers and aluminium foil.
C060	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	Mainly used in the manufacture of polymer preparations and of ethoxylates. Further used as a component in adhesives, coatings, inks and rubber articles.
C061	1,2-Dichloroethane	107-06-2	Mainly used for manufacture of other substances. Minor uses as solvent in
C062	Bis(2-methoxyethyl) ether	111-96-6	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
C063	Arsenic acid	7778-39-4	Mainly used to remove gas bubbles from ceramic glass melt and for improving adhesion between copper foil and resin in the production of laminated printed circuit boards

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No.	Substances	CAS number	Example of Use
C064	Calcium arsenate	7778-44-1	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 in metallurgical refinement processes to precipitate nickel from
C065	Trilead diarsenate	3687-31-8	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
C066	N,N-dimethylacetamide (DMAC)	127-19-5	Used as solvent, mainly in the manufacture of various substances and in the
C067	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	Mainly used as curing agent in resins and in the production of polymer
C068	Phenolphthalein	77-09-8	Mainly used as laboratory agent (in pH indicator solutions), for the produc-
C069	Lead azide Lead diazide	13424-46-9	Mainly used as initiator or booster in detonators for both civilian and
C070	Lead styphnate	15245-44-0	Mainly used as a primer for small caliber and rifle ammunition.
C071	Lead dipicrate	6477-64-1	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.
C072	[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.
C073	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H, 3H, 5H)-trione (B-TGIC)	59653-74-6	Mainly used as a solder mask ink in the EU.
C074	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
C075	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	Used as an intermediate in the manufacture of triphenylmethane dyes and other substances.
C076	Lead(II) bis(methanesulfonate)	17570-76-2	Mainly used in plating processes (both electrolytic and electroless) for electronic components The substance seems to also be used for batteries in special applications.
C077	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.
C078	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.
C079	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.
C080	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9	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.
C081	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.
C082	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.
C083	[4-[[4-anilino-1-naphthyl]]4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dime-thylammonium 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.
C084	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 manufac-turers and research laboratories. The substance seems to also be used as a plasticiser.
C085	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	Fire retardant
C086	Pentacosafuorotridecanoic acid	72629-94-8	Manufacture and the additive of a fluoro-resin
C087	Tricosafuorododecanoic acid	307-55-1	Manufacture and the additive of a fluoro-resin
C088	Henicosafuoroundecanoic acid	2058-94-8	Manufacture and the additive of a fluoro-resin
C089	Heptacosafuorotetradecanoic acid	376-06-7	Manufacture and the additive of a fluoro-resin
C090	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - cover-ing well-defined substances and UVCB substances, polymers and homologues	SN0081	An emulsifier, an auxiliary agent, a manufacture intermediary body
C091	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	SN0082	An auxiliary agent, a wetting agent, lubricant
C092	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	An antioxidant and a plasticizer
C093	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	The foaming agent of rubber and a synthetic resin, a bleach, a catalyst, a cementation agent, colorant, a photograph bleach
C094	Hexahydromethylphthalic anhydride	25550-51-0	Manufacture of polyester Al Kidd resin, the plasticizer of thermoplastic resin, the hardening agent of an epoxy resin, the crosslinking agent of thermoplastic resin, an insecticide, rust preventive
	Hexahydro-4-methylphthalic anhydride	19438-60-9	
	Hexahydro-1-methylphthalic anhydride	48122-14-1	
	Hexahydro-3-methylphthalic anhydride	57110-29-9	
C095	Methoxy acetic acid	625-45-6	The intermediary body of agricultural chemicals and prevention-of-epidemics medicine, an antiseptic, ultra filtration membrane and the detergent for reverse osmosis, the detergent agent of the industrial use of a floor / wall / the area, a wheel tire detergent, a pH adjuster, antitrust products, motor fuel
C096	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	Analytical reagent
C097	Diisopentylphthalate (DIPP)	605-50-5	Plasticizer
C098	N-pentyl-isopentylphthalate	SN0029	Plasticizer
C099	1,2-Diethoxyethane	629-14-1	Solvent
C100	N,N-dimethylformamide; dimethyl formamide	68-12-2	A solvent, a reagent, a catalyst, a selective absorption agent
C101	Dibutyltin dichloride (DBT)	683-18-1	The curing catalyst for the stabilizer for PVC, a silicon resin, and urethane resin
C102	Acetic acid, lead salt, basic	51404-69-4	—
C103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	Pottery, glaze of enamel, a paint, vinyl chloride stabilizer, paints, rubber
C104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	—
C105	[Phthalato(2-)]dioxotrillead (dibasic lead phthalate)	69011-06-9	—

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C106	Dioxobis(stearato)trilead	12578-12-0	—
C107	Fatty acids, C16-18, lead salts	91031-62-8	—
C108	Lead bis(tetrafluoroborate)	13814-96-5	Plating electrolyte
C109	Lead cynamidate	20837-86-9	Antirust paints
C110	Lead dinitrate	10099-74-8	—
C111	Lead oxide (lead monoxide)	1317-36-8	Vinyl chloride stabilizer, a glass additive agent
C112	Lead tetroxide (orange lead)	1314-41-6	Glass additive agent
C113	Lead titanium trioxide	12060-00-3	—
C114	Lead Titanium Zirconium Oxide	12626-81-2	—
C115	Pentalead tetraoxide sulphate	12065-90-6	—
C116	Pyrochlore, antimony lead yellow	8012-00-8	—
C117	Silicic acid, barium salt, lead-doped	68784-75-8	—
C118	Silicic acid, lead salt	11120-22-2	—
C119	Sulfurous acid, lead salt, dibasic	62229-08-7	—
C120	Tetraethyllead	78-00-2	Octane booster
C121	Tetralead trioxide sulphate	12202-17-4	—
C122	Trilead dioxide phosphonate	12141-20-7	—
C123	Furan	110-00-9	—
C124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	An intermediary body, a disinfectant
C125	Diethyl sulphate	64-67-5	Dye, medical supplies, agricultural chemicals, a synthetic agent
C126	Dimethyl sulphate	77-78-1	A synthetic agent, a solvent, stabilizer
C127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	—
C128	Dinoseb	88-85-7	—
C129	4,4'-methylenedi-o-toluidine	838-88-0	Resin hardening agent
C130	4,4'-oxydianiline and its salts	101-80-4	Resin materials, a crosslinking agent
C131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	—
C132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	Resin materials, a dye compromise
C133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	Intermediary body
C134	Biphenyl-4-ylamine	92-67-1	—
C135	o-aminoazotoluene	97-56-3	—
C136	o-Toluidine; 2-Aminotoluene	95-53-4	Dye, a solvent
C137	N-methylacetamide	79-16-3	—
C138	1-bromopropane; n-propyl bromide	106-94-5	Intermediary body
C139	Cadmium	7440-43-9	Pigment, anti-corrosion surface treatment
C140	Cadmium oxide	1306-19-0	Pigment, anti-corrosion surface treatment
C141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	Surface acting agent
C142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	Surface acting agent
C143	Dipentyl phthalate (DPP)	131-18-0	Plasticizer
C144	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]	SN0083	Surface acting agent
C145	Cadmium sulphide	1306-23-6	For production of inorganiccadmium compounds
C146	Dihexyl phthalate	84-75-3	Plasticizer
C147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	Dye
C148	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	Dye
C149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	Vulcanizing agent
C150	Lead di(acetate)	301-04-2	Coating agent, paint
C151	Triethyl phosphate	25155-23-1	Frame retardant
C152	Cadmium chloride	10108-64-2	material for manufacture of organic/inorganic cadmium compound, material for electroplating
C153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	Sealant, general-purpose PVC, adhesives, ink
C154	Sodium peroxometaborate	7632-04-4	Washing detergent, bleach
C155	Sodium perborate; perboric acid, sodium salt	15120-21-5 11138-47-9	Washing detergent, bleach
C156	Cadmium fluoride	7790-79-6	Research application, Flourscent used in certain phoshorus for luminescent screens
C157	Cadmium sulphate	10124-36-4	Intermediate for industrial production of inorganic cadmium compounds, Laboratory reagent
C158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	31119-53-6 3846-71-7	0 UV-stabilisers, UV-absorbers
C159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	UV-stabilisers, UV protection agents,
C160	2-ethylhexyl 10-ethyl-4,4-diethyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	Heat stabiliser to PVC
C161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-diethyl-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)	SN0084	Heat stabiliser to PVC, Biocides to prevent the fouling by micro-organisms, plants or animals
C162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	Dye 0
C163	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]	SN0085	Ingredient for perfume, soap, detergent, shampoo and conditioner.
C164	Nitrobenzene	98-95-3	Manufacture of other substances
C165	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
C166	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
C167	1,3-propanesultone	1120-71-4	Electrolyte fluid of lithium ion batteries
C168	Perfluorononan-1-oic-acid and its sodium and ammonium saltspropanesultone	375-95-1 21049-39-8 4149-60-4	Procesing 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
C169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	Adhesive, paint, waterproof agent, sealant, binding agent, graphite product, refining product

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C170	Nickel (External use only)	7440-02-0	Stainless steel, plating ; exam-ple application for prolonged skin contact is an ear bud, mobile phone (Parts come into direct as well as prolonged contact with the human skin.)
C171	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	Uses as intermediate: - Manufacture of epoxy resins# - Manufacture ofTetrabromobisphenol A(TBBPA) - Manufacture of polycarbonateConsumer and /or Industrial Uses: - as epoxy resin hardeners - use of bisphenol A in thermal paper- use of articles made of PVC Industrial use of bisphenol A asantioxidant for processing PVC
C172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7	Lubricant, wetting agent, plasticiser and corrosion inhibitor
		335-76-2	
		3830-45-3	
C173	p-(1,1-dimethylpropyl)phenol	80-46-6	industrial use as intermediate in the production of perfumes and fragrances industrial formulation of adhesives formulation and application of coatings, printing inks, paints as monomer in production of polymers(phenolic resins) end use of adhesives industrial application of coatings or inks
C174	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]	SN0089	Manufacture of polymers; formulation into lubricants
C175	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) <small>note 1</small>	SN0090	Plasticiser, lubricant, surfactant, wetting agent, corrosion inhibitor and in fire-fighting foams.
C176	Benz[a]anthracene	56-55-3 1718-53-2	Pigment in rubber or plastic
C177	Cadmium carbonate	513-78-0	Use as pH adjuster and water treatment products
C178	Cadmium hydroxide	21041-95-2	Used in laboratory chemicals and for the manufacture of electrical, electronic and optical equipment.
C179	Cadmium nitrate	10022-68-1 10325-94-7	Manufacture of glass, porcelain and ceramic products
C180	Chrysene	218-01-9	Pigment in rubber or plastic
		1719-03-5	
C181	Dechlorane plus (including any of its individual anti- and syn-isomers or anv combination thereof)	13560-89-9	Flame retardants
		135821-74-8	
		135821-03-3	
C182	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-HPb)]	SN0091	Additives in lubricants and greases
C183	Octamethylcyclotetrasiloxane (D4)	556-67-2	Used in washing and cleaning products, polishes and waxes and cosmetics and personal care products.
C184	Decamethylcyclopentasiloxane (D5)	541-02-6	Used in washing and cleaning products, polishes and waxes, cosmetics and personal care products, textile treatment products and dyes.
C185	Dodecamethylcyclohexasiloxane (D6)	540-97-6	Used in washing and cleaning products, polishes and waxes, cosmetics and personal care products.
C186	Lead	7439-92-1	Used in metals, welding and soldering products, metal surface treatment products, and polymers.
C187	Disodium octaborate	12008-41-2	Used in anti-freeze products, heat transfer fluids, lubricants and greases, and washing and cleaning products.
C188	Benzo[ghi]perylene	191-24-2	Not registered under REACH. Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.
C189	Terphenyl hydrogenated	61788-32-7	Used as a plastic additive, solvent, in coatings/inks, in adhesives and sealants, and heat transfer fluids.
C190	Ethylenediamine (EDA)	107-15-3	Used in adhesives and sealants, coating products, fillers, putties, plasters, modelling clay, pH regulators and water treatment products.
C191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	Used in the manufacture of esters and polymers.
C192	Dicyclohexyl phthalate (DCHP)	84-61-7	Used in plastisol, PVC, rubber and plastic articles. A further use is also as a phlegmatiser and dispersing agent for formulations of organic peroxides.
C193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	Thermal paper, chemicals/insecticides, coating, adhesive
C194	Benzo[k]fluoranthene	207-08-9	Light-emitting element
C195	Fluoranthene	206-44-0	Coating, adhesive, detergent, binders for electrodes
C196	Phenanthrene	85-01-8	Coating, adhesive, detergent, binders for electrodes
C197	Pyrene	129-00-0	Chemical intermediate, anti-rust paint, waterproof paint, binders for electrodes
C198	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	Cosmetics, UV absorber
C199	2-methoxyethyl acetate	110-49-6	Cleaning solvent for electronic materials, solvent for printing ink / paint and metal plate adhesive
C200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	SN0098	Processing aid in the production of fluorinated polymers.
C201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	SN0099	Primarily used as an antioxidant to stabilise polymers.
C202	4-tert-butylphenol	98-54-4	Used in coating products, polymers, adhesives, sealants and for the synthesis of other substances.
C203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	Photoinitiator which is added to UV curable inks, toners, adhesives, resins, paints and other coatings
C204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	Photoinitiator added to UV curable inks, toners, lacquers, paints and resins
C205	Diisohexyl phthalate	71850-09-4	Plasticiser

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For more details see below page.

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No.	Substances	CAS number	Example of Use
C206	Perfluorobutane sulfonic acid (PFBS) and its salts	25628-08-4	Used as a catalyst/ additive/reactant in polymer manufacture and in chemical synthesis. It is also used as a flame retardant in polycarbonate (for electronic equipment).
		375-73-5	
		131651-65-5	
		144317-44-2	
		220133-51-7	
		220689-12-3	
		29420-49-3	
		503155-89-3	
		507453-86-3	
		68259-10-9	
		SN0104	
C207	1-vinylimidazole	1072-63-5	In formulations and as a monomer in the production of polymers
C208	2-methylimidazole	693-98-1	As a catalyst in the production of coating products
C209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	As a catalyst and as an additive in the production of plastics
C210	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8	Cosmetics, personal care products and pharmaceuticals
C211	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	Solvent/extraction agent.
C212	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	-	Not registered under REACH as a group of substances. However, one of the three group members (Diocetyl tin dilaurate) is registered. The mono-constituent form of the substance (dioctyl tin dilaurate) is used as an additive in the production of plastics and rubber tyres.
	Stannane, dioctyl-, bis(coco acyloxy) derivs EC No.:293-901-5 CAS RN:91648-39-4	-	
	Diocetyl tin dilaurate EC No.:222-883-3 CAS RN:3648-18-8	-	
C213	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	It is mainly used for the preparation of a variety of lubricant additive materials and fuel system cleaners. Further uses as an intermediate for the production of special resins, paints, varnishes and coating resins as well as a monomer for phenol/formaldehyde resins and ink resins.
	Phenol, dodecyl-, branched	121158-58-5	
	Phenol, (tetrapropenyl) derivatives	74499-35-7	
	Phenol, 4-dodecyl, branched	210555-94-5	
	4-isododecylphenol	27459-10-5	
	Phenol, tetrapropylene-	57427-55-1	
	Phenol, 4-isododecyl-	27147-75-7	
C214	orthoboric acid, sodium salt	-	It is used as a solvent and corrosion inhibitor.
	boric acid (H3BO3), sodium salt, hydrate	25747-83-5	
	Boric acid (H3BO3), disodium salt	22454-04-2	
	Trisodium orthoborate	14312-40-4	
	Boric acid, sodium salt	1333-73-9	
	Orthoboric acid, sodium salt	13840-56-7	
	Boric acid (H3BO3), sodium salt (1:1)	14890-53-0	
C215	Medium-chain chlorinated paraffins (MCCP)	-	It is a flame retardant and used as secondary plasticising additives in plastics, sealants, rubber and textiles.
	[UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	
	Alkanes, C14-16, chloro	1372804-76-6	
	Alkanes, C14-17, chloro	85535-85-9	
	di-, tri- and tetrachlorotetradecane	-	
	Tetradecane, chloro derivs.	198840-65-2	
C216	glutaral	111-30-8	It is used as a biocide for leather tanning and x-ray film processing.
C217	4,4'-(1-methylpropylidene)bisphenol	77-40-7	Bisphenol B is structurally similar to bisphenol A which is currently listed on the Candidate List. It may be used in the manufacture of phenolic and polycarbonate resins.
C218	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	It is used in many different applications including cleaning agents, biocides, polishes and waxes, cosmetics and personal care products, fillers, putties, plasters, modelling clay, finger paints and inks and toners.
	(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-31-3	
	2-(4-tert-butylbenzyl)propionaldehyde	80-54-6	
	(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-30-2	
C219	2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	36483-57-5	It is used in the manufacture of plastic products and chemicals.
	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	
C220	1,4-dioxane	123-91-1	It is used as a solvent in the synthesis of chemicals and can be found as by-products during chemical synthesis.
C221	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol	119-47-1	Rubbers, lubricants, adhesives, inks, fuels
C222	tris(2-methoxyethoxy)vinylsilane	1067-53-4	1067-53-4
C223	(±)-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)	-	Cosmetics
C224	S-(tricyclo(5.2.1.02,6)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	Lubricants, greases
C225	N-(hydroxymethyl)acrylamide	924-42-5	As a monomer for polymerisation, as a fluoroalkyl acrylate copolymer, and in paints and coatings.
C226	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	While the substance itself is not registered under REACH, identification as an SVHC can be seen as a measure to avoid future regrettable substitution.
C227	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.
C228	4,4'-sulphonyldiphenol	80-09-1	In the manufacture of: pulp, paper and paper products, textile, leather or fur and chemicals.
C229	Barium diboron tetroxide	13701-59-2	In paints and coatings.
C230	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.
C231	Isobutyl 4-hydroxybenzoate	4247-02-3	In the manufacture of substances and in the following products: coating products, fillers, putties, plasters, modelling clay and inks and toners.
C232	Melamine	108-78-1	In polymers and resins, coating products, adhesives and sealants, leather treatment products, laboratory chemicals.

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C233	Perfluoroheptanoic acid and its salts	-	While the substance itself is not registered under REACH, identification as an SVHC can be seen as a measure to avoid future regrettable substitution.
C234	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	Used in articles, by professional workers (widespread uses), in formulation or re-packing, at industrial sites and in manufacturing.
C235	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.
C236	Bis(4-chlorophenyl) sulphone	80-07-9	Manufacture of chemicals, plastic products and rubber products.
C237	2,4,6-tri-tert-butylphenol	732-26-3	Manufacture of another substance; formulation of mixtures and in fuel products.
C238	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.
C239	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	Inks and toners, coating products.
C240	Bumetrizole (UV-326)	3896-11-5	Coating products, adhesives and sealants and washing and cleaning products.
C241	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.