

# REACH – SVHC CANDIDATE LIST AT A GLANCE.

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Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
1	Anthracene	204-371-1	120-12-7	28.10.08	Contamination in recycled extender oils or tar-containing products, black pigment (carbon black)
2	4,4'- Diaminodiphenylmethane	202-974-4	101-77-9	28.10.08	Hardener for epoxy resins and adhesives, decomposition product of PU
3	Dibutyl phthalate (DBP)	201-557-4	84-74-2	28.10.08	In printing inks or as plasticizer in PVC and other plastics, adhesives, coatings
4	Cobalt dichloride	231-589-4	7646-79-9	28.10.08	Moisture indicator in drying agents, production of vitamin B12, lubricant, catalyst, mordant dye, electroplating
5	Diarsenic pentaoxide	215-116-9	1303-28-2	28.10.08	dyeing industry, metallurgy, special glass, wood preservatives
6	Diarsenic trioxide	215-481-4	1327-53-3	28.10.08	Glass industry, wood preservatives
7	Sodium dichromate, dihydrate	234-190-3	7789-12-0	28.10.08	Production of other Cr-products (pigments), colors, corrosion protection, vitamin K production, wood preservative, essential oils, fragrances
8	5-tert-Butyl-2,4,6-trinitro-m-xylol	201-329-4	81-15-2	28.10.08	among others as fragrance in fabric plasticizers
9	Bis(2-ethylhexylphthalate) (DEHP)	204-211-0	117-81-7	28.10.08	plasticizers for PVC products , other plastics and synthetic resin
10	Hexabromocyclododecane (HB-CDD)	247-148-4	25637-99-4	28.10.08	Flame retardants in plastics (polystyrene), textiles, electronical products
11	"Chlorinated alkanes , C10-13 (short chained chlorinated paraffins) "	287-476-5	85535-84-8	28.10.08	lubricants, leather/textile industry, flame retardent and/or plasticizers in rubber, paints, sealing materials
12	Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	28.10.08	As a biocide in antifouling paint and other use of biocidal products

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
13	Lead hydrogen arsenate	232-064-2	7784-40-9	28.10.08	former wood preservative, pesticides, electrics and electronics, PVC
14	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28.10.08	plasticizer for PVC, adhesives, paints, varnishes as well as in coating agents for textiles etc.
15	Triethyl arsenate	427-700-2	15606-95-8	28.10.08	former wood preservative, pesticides, electrics and electronics, PVC
16	Anthracene oil	292-602-7	90640-80-5	13.01.10	distillation residues from the the mineral oil processing containing polycyclic aromatic hydrocarbons (PAHs)
17	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	13.01.10	see Anthracene oil
18	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13.01.10	see Anthracene oil
19	Anthracene oil, anthracene low	292-604-8	90640-82-7	13.01.10	see Anthracene oil
20	Anthracene oil, anthracene paste	292-603-2	90640-81-6	13.01.10	see Anthracene oil
21	Pitch, coal tar, high temp.	266-028-2	65996-93-2	13.01.10	Distillation residues from gasification and processing of coal containing polycyclic aromatic hydrocarbons (PAHs)
22	2,4-Dinitrotoluene	204-450-0	121-14-2	13.01.10	Solvents
23	Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	13.01.10	plasticizer (PVC), adhesives, printing inks, varnishes, special solvents
24	Lead chromate	231-846-0	7758-97-6	13.01.10	antirust coating
25	"Lead chromate molybdate sulphate red (C.I. Pigment Red 104) "	235-759-9	12656-85-8	13.01.10	Pigment for coloring plastics, paper, for manufacturing paints, printing inks, textile printing and leather finishing

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13.01.10	Pigment for coloring plastics, paper, for manufacturing paints, printing inks, textile printing and leather finishing
27	Tris(2-chlorethyl)phosphate (TCEP)	204-118-5	115-96-8	13.01.10	Plasticizer and viscosity regulator with flame retardant properties for acrylic resins, polyurethane, polyvinyl chloride and other polymers
28	Acrylamid	201-173-7	79-06-1	30.03.10	In polyacrylamide especially used in waste water treatment and paper production
29	Trichlorethylene	201-167-4	79-01-06	18.06.10	For degreasing of metal parts, in adhesives, for synthesis and as a solvent in the chemical industry, in the textile and leather processing industries as well as in the paint and coatings industry
30	Boric acid	"233-139-2; 234-343-4 "	"10043-35-3; 11113-503-1 "	18.06.10	"In biocides and preservatives, personal care products, additives, glass, ceramics, rubber, fertilizers, flame retardants, paints, industrial fluids, brake fluids, soldering products, film developers. Use in gelatinous plastics (eg Slimy toys) "
31	Disodium tetraborate, anhydrous	215-540-4	"1303-96-4; 1330-43-4; 12179-04-3"	18.06.10	Glass and glass fibers, ceramics, detergents and cleaning agents, personal care products, industrial fluids, metallurgy, adhesives, flame retardants, biocides, fertilizers
32	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18.06.10	Glass and glass fibers, ceramics, detergents and cleaning agents, personal care products, industrial fluids, metallurgy, adhesives, flame retardants, biocides, fertilizers

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
33	Potassium dichromate	231-906-6	7778-50-9	18.06.10	Chromium metal processing, treatment and coating of metals, manufacture of reagents and chemicals, laboratory (analytical reagent), manufacture of leather and bonded leather, manufacture of textiles, photolithography, woodworking, corrosion inhibitor in cooling systems
34	Ammonium dichromate	232-143-1	05.09.7789	18.06.10	Oxidation agents, laboratory reagent, manufacture of leather and bonded leather, manufacture of textiles
35	Potassium chromate	232-140-5	7789-00-6	18.06.10	Treatment and coating of metals, manufacture of reagents and chemicals, manufacture of textiles, colorant in ceramics, manufacture of leather and bonded leather, manufacture of pigments/paints, laboratory (analytical reagent)
36	Sodium chromate	231-889-5	03.11.7775	18.06.10	Primarily for the manufacture of other chromium compounds, laboratory (analytical reagent)
37	Cobalt(II) sulphate	233-334-2	10124-43-3	15.12.10	Manufacture of other chemicals, the production of catalysts, and desiccants, surface treatment, and corrosion protection, production of pigments, discoloriser, animal feed additives
38	Cobalt(II) dinitrate	233-402-1	10141-05-6	15.12.10	Manufacture of other chemicals (main use), production of catalysts, surface treatment and batteries
39	Cobalt(II) carbonate	208-169-4	513-79-1	15.12.10	Production of catalysts (main use). Feed additives; manufacture of other chemicals; manufacture of pigments and adhesives (primer frittes).

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
40	Cobalt(II) diacetate	200-755-8	71-48-7	15.12.10	Production of catalysts (main use). Manufacture of other chemicals; surface treatment; alloys; manufacture of pigments, dyes and und rubber bonding agent; feed additives
41	2-Methoxyethanol	203-713-7	109-86-4	15.12.10	Solvents, intermediate and fuel additive; may also be used in textile finishing
42	2-Ethoxyethanol	203-804-1	110-80-5	15.12.10	Solvents, intermediate and fuel additive; may also be used in textile finishing
43	Chromium trioxide	215-607-8	1333-82-0	15.12.10	Metal finishing and as a fixative in wood preservatives (water-based).
44	"Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid"	"231-801-5; 236-881-5"	"7738-94-5; 13530-86-2"	15.12.10	Chromic acids and their oligomers are formed in aqueous solutions of chromium trioxide. As chromium trioxide is used primarily in aqueous solutions, the applications of these substances are identical with those of the chromium trioxide.
45	2-Ethoxyethyl acetate	203-839-2	111-15-9	31.05.11	Solvents for paints, varnishes, glazes
46	Strontium chromate	232-142-6	02.06.7789	31.05.11	Mainly used in aerospace coatings, steel and aluminum coil, and vehicle coating.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	271-084-6	68515-42-4	31.05.11	As plasticizers for PVC and foams for various use, for example, as a sealant in the automotive industry, for the coating of roofs and the insulation of electrical cables.
48	Hydrazine	206-114-9	"78-57-8; 302-01-2"	31.05.11	Aviation industry
49	1-Methyl-2-pyrrolidone	212-828-1	872-50-4	31.05.11	Solvents for paints, varnishes, detergents as well as wet-spun fibres, electronic accessories, semiconductors

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
50	1,2,3-Trichloropropane	202-486-1	96-18-4	31.05.11	Solvents, paint and varnish removers and as degreasing agents
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	276-158-1	71888-89-6	31.05.11	Use as plasticizer in PVC, sealants and printing inks
52	Lead dipicrate	229-335-2	6477-64-1	19.12.11	Explosive compound can be used with lead azide and styphnate in explosives (small amounts)
53	Lead styphnate	239-290-0	15245-44-0	19.12.11	In primers for small caliber and rifle ammunition in pyrotechnic ammunition, powder-actuated devices and detonators for civilian purposes (airbags, seat belt pretensioner)
54	Lead diazide, Lead azide	236-542-1	13424-46-9	19.12.11	Initiator / amplifier in detonators (civilian and military use), initiator in pyrotechnic devices
55	Phenolphthalein	201-004-7	77-09-8	19.12.11	Laboratory reagent and ph-indicator
56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	101-14-4	19.12.11	Mainly used as hardening agent in resins and in the production of polymer products (polyurethanes: bikes, cars, cable sheathing) MOCA residues in the polymer: 0% - 4%
57	N,N-dimethylacetamide (DMAC)	204-826-4	127-19-5	19.12.11	Solvents for the production of agro and fine chemicals as well as pharmaceuticals, for the production of fibres for clothing and technical textiles (acryl and polyurethane based elastane fibres, residues of DMAC up to 3%), for the manufacture of polyamide foils, as substance in paint and ink removers

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
58	Trilead diarsenate	222-979-5	3687-31-8	19.12.11	In complex raw materials, is converted into calcium arsenate and diarsenic trioxide in the metallurgical refinement process
59	Calcium arsenate	231-904-5	7778-44-1	19.12.11	Mainly used as a precipitating agent in copper smelting process, the production of diarsenic trioxide
60	Arsenic acid	231-901-9	7778-39-4	19.12.11	Mainly used as an after treatment agent in the production of special glasses and in the production of copper foils and circuit boards
61	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19.12.11	Primarily as a solvent for a variety of chemical reactions, as a solvent for a battery electrolyte, and other products such as seals, adhesives, diesel fuel, and car care products
62	1,2-dichloroethane	203-458-1	107-06-2	19.12.11	Mainly (>95 %) for the production of vinyl chloride monomers for the manufacture of PVC
63	4-tert-octylphenole	205-426-2	140-66-9	19.12.11	As glue amplifier in tires, electrical insulation varnish for secondary insulation for motors and transformers, printing inks, for the production of octylphenol ethoxylates
64	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	19.12.11	Intermediate in the production of azo dyes for textiles, paper, polymers and aluminium foil
65	Bis(2-methoxyethyl) phthalate (DMEP)	204-212-6	117-82-8	19.12.11	Earlier mainly used as plasticizer in polymers, paints, varnishes and printing inks

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	19.12.11	"Mainly for the production of methylenediphenyl diisocyanate (MDI), and also as curing agents for epoxy resins, for example, for the production of rolls, pipes, molds and for adhesives"
67	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19.12.11	Coatings in the automotive and aerospace industry
68	Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19.12.11	Primarily for the production of coatings and sealants
69	"Dichromium tris (chromate)"	246-356-2	24613-89-6	19.12.11	Primarily used in mixtures for the treatment of metal surfaces in the aerospace industry and for steel and aluminum coatings
70	Aluminosilicate Refractory Ceramic Fibres	-	-	19.12.11	artificial mineral fibres for high temperature insulation
71	Zirconia Aluminosilicate Refractory Ceramic Fibres	-	-	19.12.11	artificial mineral fibres for high temperature insulation
72	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1 % of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6	548-62-9	18.06.12	Primarily used as a paper dye and as ink for printer cartridges and pens
73	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( -TGIC)	423-400-0	59653-74-6	18.06.12	Mainly as hardening agent for resins and coatings
74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	18.06.12	Mainly used as a solvent or processing aid in the manufacture and formulation of industrial chemicals, less frequently used in brake fluids



Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
75	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1 % of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	561-41-1	18.06.12	Used in the production of inks, and for coloring various products
76	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18.06.12	Mainly used in metal coating processes for electronical components like circuit boards
77	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18.06.12	Mainly used as a solvent or processing aid in the manufacture and formulation of industrial chemicals, including the use as an electrolyte in lithium ion batteries
78	Diboron trioxide	215-125-8	1303-86-2	18.06.12	Versatile use: in glasses and glass fibers, frits, ceramics, flame retardants, catalysts, adhesives, inks and paints, film processing solutions, detergents, biocides and insecticides
79	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1 % of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8	6786-83-0	18.06.12	Primarily used in the production of printing ink and pens, as well as for paper dyeing, in cleaners for windshields
80	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	18.06.12	Mainly as hardening agent for resins and coatings
81	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18.06.12	Intermediate in the manufacture of triphenylmethane dyes and other substances, additives in dyestuffs and pigments and as process chemicals in the fabrication of printed circuit boards
82	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18.06.12	Intermediate in the manufacture of dyes and other substances

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
83	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1 % of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	219-943-6	2580-56-5	18.06.12	In the production of inks, cleaners and coatings, for dyeing of paper, textiles, plastic products and other articles
84	Formamide	200-842-0	75-12-7	18.06.12	Primarily as intermediate, rarely as a solvent, as a base material for the pharmaceutical industry, as a laboratory chemical and plasticizer, by-product in the production of acetate (EVA) foams (eg sports mats and plastic shoes)
85	Pyrochlore, antimony lead yellow	232-382-1	8012-008	19.12.12	Pigment
86	6-methoxy-m-toluidine (p-cresidine)	201-419-1	120-71-8	19.12.12	for manufacturing fine chemicals
87	Henicosafleuroundecanoic acid	218-165-4	2058-94-8	19.12.12	Perfluorinated chemicals eg for the finishing of textiles, such as outdoor or sporting goods
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4]	"247-094-1; 243-072-0; 256-356-4; 260-566-1 "	"25550-51-0; 19438-60-9; 48122-14-1; 57110-29-9"	19.12.12	used to make other substances
89	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3]	"201-604-9; 236-086-3; 238-009-9"	"85-42-7; 13149-00-3; 14166-21-3"	19.12.12	used to make other substances

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
90	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19.12.12	Additive in rubber, stabilizer in PVC plastics, catalyst in polyurethane and silicone manufacturing, insulation and coatings, food packaging, T-shirts, polyurethane gloves, cellophane wrappers, soft toys, PVC plastics, paper coatings, polyurethane foams and plastics and cables
91	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19.12.12	for manufacturing fine chemicals and metal products
92	Lead dinitrate	233-245-9	10099-74-8	19.12.12	Production of textile stains, matches, special explosives, oxidizing agents in the dye industry
93	Silicic acid, lead salt	234-363-3	11120-22-2	19.12.12	for the production of lead crystal ware, in stone, plaster, cement, glass and ceramic articles
94	4-Aminoazobenzene	200-453-6	60-09-3	19.12.12	Aromatic amine to produce polyurethane materials (PU plastics and foams) and azo dyes
95	Lead titanium zirconium oxide	235-727-4	12626-81-2	19.12.12	Production of semiconductors for computer, electronic and optical products, electrical equipment
96	Lead monoxide (lead oxide)	215-267-0	1317-36-8	19.12.12	glass fluxes, varnishes, glass and metal cementing, in ceramics, porcelain and glass painting, for the production of lead soaps for driers, accumulators, activators for rubber
97	o-Toluidine	202-429-0	95-53-4	19.12.12	Aromatic amine to produce polyurethane materials (PU plastics and foams) and azo dyes
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19.12.12	Drying agent for urethane application

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
99	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	272-271-5	68784-75-8	19.12.12	Coating for light bulbs
100	Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	19.12.12	In a mixture with titanium dioxide or zinc oxide, a widely used white pigment. Paints containing more than 1 % of white lead are not approved for indoor painting.
101	Furan	203-727-3	110-00-9	19.12.12	for the production of tetrahydrofuran and furan resin (mixed with sand used as mold material in molding boxes)
102	N,N-dimethylformamide	200-679-5	68-12-2	19.12.12	"As solvent, among others for the production of polymers for plastics and imitation leather, e.g. used in the following production areas: Polyacrylonitrile fiber industry, plastic coating (PU), special varnish"
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	-	19.12.12	e.g. as a surfactant in wet processes in the textile industry
104	4-Nonylphenol, branched and linear	-	-	19.12.12	Raw material for the production of nonylphenol ethoxylates, which are used as surfactants in wet processes in the textile industry
105	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19.12.12	Aromatic amine to produce polyurethane materials (PU plastics and foams) and azo dyes
106	Diethyl sulphate	200-589-6	64-67-5	19.12.12	for alkylation of phenols, amines and thiols
107	Dimethylsulfat	201-861-7	88-85-7	19.12.12	for methylation of carboxylic acids, amines, phenols and other compounds as raw material for the manufacture of cosmetics, paints, pharmaceuticals and agricultural products.

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108	Lead oxide sulfate	234-853-7	12036-76-9	19.12.12	for the production of PVC and stabilizers
109	Lead titanium trioxide	235-038-9	12060-00-3	19.12.12	Production of semiconductors for computer, electronic and optical products, electrical equipment
110	Acetic acid, lead salt, basic	257-175-3	51404-69-4	19.12.12	used to make other substances
111	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19.12.12	for the production of PVC and stabilizers
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	19.12.12	flame retardants in plastics, textiles and ashesives
113	N-methylacetamide	201-182-6	79-16-3	19.12.12	as laboratory chemical, to make other substances
114	Dinoseb (6-sec-butyl-2,4-dinitro-phenol)	201-861-7	88-85-7	19.12.12	as a polymerization inhibitor for the manufacture of resins, rubbers and polymers, as a pesticide
115	1,2-Diethoxyethane	211-076-1	629-14-1	19.12.12	solvent for various use such as paints, inks, and cleaning fluids
116	Tetrableitrioxidsulfat	235-380-9	12202-17-4	19.12.12	for the production of plastics (e.g. PVC) and for lead batteries
117	N-Pentylisopentylphthalat	-	776297-69-9	19.12.12	plasticizer in plastics
118	Dioxobis(stearato)triblei	235-702-8	12578-12-0	19.12.12	for the production of PVC and stabilizers
119	Tetraethyllead	201-075-4	78-00-2	19.12.12	as an anti-knock agent in kerosene
120	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19.12.12	for the production of plastics (e.g. PVC) and for lead batteries

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121	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	19.12.12	Perfluorinated chemicals, if applicable for the finishing of textiles, such as outdoor or sporting goods
122	Tricosafuorododecanoic acid	206-203-2	307-55-1	19.12.12	Perfluorinated chemicals, if applicable for the finishing of textiles, such as outdoor or sporting goods
123	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	19.12.12	Perfluorinated chemicals, if applicable for the finishing of textiles, such as outdoor or sporting goods
124	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19.12.12	for the manufacture of fine chemicals
125	Methyloxirane (Propylene oxide)	210-894-6	625-45-6	19.12.12	used to make other substances
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19.12.12	Aromatic amine to produce polyurethane materials (PU plastics and foams) and azo dyes
127	Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19.12.12	as a stabilizer for chlorinated hydrocarbons, fuel and heating oil, chlorine-containing polymers as well as for corrosion protection additive for cooling liquids, a good solvent for nitrocellulose, cellulose acetate, adhesives, resins, among others. cotton fibers being treated with 1,2-propylene oxide to improve the moisture sorption
128	Trilead dioxide phosphonate	235-252-2	12141-20-7	19.12.12	as stabilizer for plastics (e.g. PVC)
129	o-aminoazotoluene	202-591-2	97-56-3	19.12.12	Aromatic amine to produce polyurethane materials (PU plastics and foams) and azo dyes
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	19.12.12	plasticizer in plastics



Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
131	4,4'-oxydianiline and its salts	202-977-0	101-80-4	19.12.12	Aromatic amine to produce polyurethane materials (PU plastics and foams) and azo dyes
132	Orange lead (lead tetroxide)	215-235-6	1314-41-6	19.12.12	The material is present in: - ceramics, flint glass, varnishes, glass and metal cementing, ointments and lead plasters The substance is used for the production of: - Anti-corrosive paints for steel, lead soaps, batteries, activators for rubber, matches The substance is used in: - pyrotechnics, dye synthesis, organic elemental analysis, porcelain and glass painting
133	Biphenyl-4-ylamine	202-177-1	92-67-1	19.12.12	Aromatic amine to produce polyurethane materials (PU plastics and foams) and azo dyes
134	Diisopentylphthalate (DiPP)	210-088-4	605-50-5	19.12.12	plasticizer in plastics
135	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19.12.12	for the production of PVC and stabilizers
136	Diazen-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	19.12.12	as a blowing agent in the rubber and plastics industry
137	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19.12.12	for the production of plastics (e.g. PVC)
138	Lead cyanamidate	244-073-9	20837-86-9	19.12.12	antirust agent
139	Cadmium	231-152-8	7440-43-9	20.06.13	for the production of battery electrodes, as anti-rust coating, in the production of catalysts, alloys, and solar cells, as a pigment, as stabilizers for plastics
140	Cadmium oxide	215-146-2	1306-19-0	20.06.13	for the production of battery electrodes, as an anti-rust coating, in the production of catalysts, alloys, and solar cells, as a pigment, as stabilizers for plastics

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
141	4-Nonylphenol, branched and linear, ethoxylated	-	-	20.06.13	for the manufacture of detergents and cleaning agents, used in paints and coatings, used in the textile and leather manufacturing
142	Dipentyl phthalate (DPP)	205-017-9	131-18-0	20.06.13	as plasticizer in PVC
143	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20.06.13	for the production of fluoropolymers and fluoroelastomers (e.g. for dirt and water-repellent coatings for textiles), as emulsifiers for the production of non-stick coatings
144	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20.06.13	for the production of fluoropolymers and fluoroelastomers (e.g. for dirt and water-repellent coatings for textiles), as emulsifiers for the production of non-stick coatings
145	Cadmium sulphide	215-147-8	1306-23-6	16.12.13	As a pigment in plastics and glasses, as well as semiconductor material for photo-electronic applications, such as solar cells
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)	217-710-3	1937-37-7	16.12.13	For dyeing of textiles, leather, plastics and other materials
147	Dihexyl phthalate (DnHP)	201-559-5	84-75-3	16.12.13	plasticizer in plastics
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	16.12.13	as vulcanization accelerators in synthetic rubber
149	Trixylyl phosphate	246-677-8	25155-23-1	16.12.13	as flame retardants and plasticizer
150	"Dinatrium-3,3'-((1,1'-biphenyl)-4,4'-diylbis(azo))bis(4-amino-naphthalin-1-sulfonat) (C.I. Direct Red 28) "	209-358-4	573-58-0	16.12.13	for dyeing of textiles and paper

Substance name		EC No.	CAS No.	Date of inclusion	Occurance / use
151	Lead di(acetate)	206-104-4	301-04-2	16.12.13	for the manufacture of other lead compounds, laboratory chemical
152	Cadmium chloride	233-296-7	10108-64-2	16.06.14	For the production of pigments used in electroplating, microscopy and photography
153	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	271-093-5	68515-50-4	16.06.14	plasticizer in plastics, especially PVC
154	Sodium peroxometaborate	231-556-4	7632-04-4	16.06.14	As an oxidizing and bleaching agent in detergents, among other things, in detergents, dishwashing detergents, bleaching of sponges, wax, textiles and soaps
155	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	-	16.06.14	As an oxidizing and bleaching agent in detergents, among other things, in detergents, dishwashing detergents, bleaching of sponges, wax, textiles and soaps

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