

Restriction list (Annex XVII)

Name	CAS no. (not exhaustive)	Entry no.	Conditions (Simplified, please see ECHA website for details)
Polychlorinated terphenyls (PCTs)	-	01	Restricted as a substance and in a mixture including waste oils, or in equipment <50 mg/kg (0,005 % by weight).
Chloroethene, Chloroethylene (Vinyl chloride)	1975-01-04	02	Shall not be used as propellant in aerosols for any use. Aerosols dispensers containing the substance as propellant shall not be placed on the market.
Liquid substances or mixtures which are regarded as dangerous in accordance with - Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 (See group members): Hazard class 4.1, Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10, Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F, Hazard class 5.1.		03	Banned in ornamental articles, tricks and jokes or articles for gaming purpose; Banned in decorative oil lamps for supply to the general public; Additional labelling requirements for lamp oils, grill lighter fluids, grill lighters, etc.
Tris (2,3 dibromopropyl) phosphate	126-72-7	04	Banned in any textile article intended to come into contact with the skin
Benzene	71-43-2	05	Toy or toy parts: <=5 mg/kg (0, 0005 %w/w) in toy or part of toy. Shall not be placed on the market, or used, as substance or in mixtures in concentrations greater than 0,1 % w/w (example, detergent). Exception: motor oil, industrial use.
Asbestos fibres	12001-28-4, 12001-29-5, 132207-32-0, 12172-73-5, 77536-66-4, 77536-67-5, 77536-68-6	06	Banned as a substance, in mixture or article (exemptions apply)
Tris(aziridiny)phosphin oxide	545-55-1	07	Banned in textile articles, such as garments, undergarments and linen, intended to come into contact with the skin.
Polybromobiphenyls, Polybrominatedbiphenyls (PBB)	59536-65-1	08	Banned in textile articles, such as garments, undergarments and linen, intended to come into contact with the skin.
Benzidine and / or its derivatives, Powder of the roots of Helleborus viridis and Helleborus niger, Wood powder, Powder of the roots of Veratrum album and Veratrum nigrum, o-Nitrobenzaldehyde, Soap bark powder (Quillaja saponaria) and its derivatives containing saponines	552-89-6, 68990-67-0, 92-87-5	09	Banned in jokes and hoaxes or in mixtures or articles intended to be used as such, for instance as a constituent of sneezing powder and stink bombs. Exemption for stink bombs containing not more than 1,5 ml of liquid.
Ammonium hydrogen sulphide, Ammonium sulphide, Ammonium polysulphide	12124-99-1, 12135-76-1, 9080-17-5	10	Banned in jokes and hoaxes or in mixtures or articles intended to be used as such, for instance as a constituent of sneezing powder and stink bombs. Exemption for stink bombs containing not more than 1,5 ml of liquid.

<p>Volatile esters of bromoacetic acids (Ethyl bromoacetate, Butyl bromoacetate, Propyl bromoacetate, Methyl bromoacetate)</p>	<p>105-36-2, 18991-98-5, 35223-80-4, 96-32-2</p>	<p>11</p>	<p>Banned in jokes and hoaxes or in mixtures or articles intended to be used as such, for instance as a constituent of sneezing powder and stink bombs. Exemption for stink bombs containing not more than 1,5 ml of liquid.</p>
<p>2-naphthylamine and its salts (Salts of 2-naphthylamine, 2-naphthylammonium acetate, 2-naphthylammonium chloride, 2-naphthylamine)</p>	<p>553-00-4, 612-52-2, 91-59-8</p>	<p>12</p>	<p>Restricted as substances or in mixtures in concentrations greater than 0,1 % by weight.</p>
<p>Benzidine and its salts, Salts of benzidine, Benzidine</p>	<p>92-87-5</p>	<p>13</p>	<p>Restricted as substances or in mixtures in concentrations greater than 0,1 % by weight.</p>
<p>4-Nitrobiphenyl</p>	<p>92-93-3</p>	<p>14</p>	<p>Restricted as substances or in mixtures in concentrations greater than 0,1 % by weight.</p>
<p>4-Aminobiphenyl xenylamine and its salts, 4-Aminobiphenyl xenylamine</p>	<p>92-67-1</p>	<p>15</p>	<p>Restricted as substances or in mixtures in concentrations greater than 0,1 % by weight.</p>
<p>Lead carbonates (Trilead-bis(carbonate)-dihydroxide anhydrous carbonate (PbCO₃))</p>	<p>2PbCO₃-Pb(OH)₂, Neutral 1319-46-6, 598-63-0</p>	<p>16</p>	<p>Banned in paints. Possible exemption for the restoration and maintenance of works of art and historic buildings and their interiors.</p>
<p>Lead sulphates (Sulphuric acid, lead salt PbSO₄, Lead sulphate PbSO₄)</p>	<p>15739-80-7, 7446-14-2</p>	<p>17</p>	<p>Banned in paints. Possible exemption for the restoration and maintenance of works of art and historic buildings and their interiors.</p>
<p>Mercury compounds</p>	<p>-</p>	<p>18</p>	<p>Banned as substances or in mixtures where the substance or mixture is intended for use to prevent the fouling by micro-organisms, plants or animals (e.g. hulls of boats, cages, floats, nets, submerged applicanes or equipent), in the preservation of wood, in the impregnation of heavy-duty industrial textiles and yarn intended for their manufacture, in the treatment of industrial waters.</p>
<p>Mercury</p>	<p>7439-97-6</p>	<p>18a</p>	<p>Banned in fever thermometers and other measuring (e.g. barometers, hygrometers, manometers, sphygmomanometers, tensiometers, etc). Exemptions apply.</p>

<p>Arsenic compounds (Strychnidin-10-one, arsenite (1:1), Lead arsenite, Sodium arsenate dibasic heptahydrate, Slimes and Sludges, copper electrolytic refining, decopperized, arsenic-rich, Iron arsenate, Iron bis(arsenate), Arsenic acid, magnesium salt, Arsenic acid, copper salt, Arsenic acid, calcium salt, Arsenic acid (H3AsO4), magnesium salt, manganese-doped, Slimes and Sludges, copper-lead ore roasting off gas scrubbing, arsenic-contg., Strychnine arsenate, Tricopper arsenide, Dysprosium arsenide, Sodium hexafluoroarsenate(V), Diiron arsenide, Gadolinium arsenide, Holmium arsenide, Lutetium arsenide, Manganese arsenide, Terbium arsenide, Thallium arsenide, Thulium arsenide, Ytterbium arsenide, Iron diarsenide, Trizinc diarsenide, Iron arsenide, Digallium arsenide phosphide, Tripotassium arsenide, Trilithium arsenide, Trisodium arsenide, Praseodymium arsenide, Trimagnesium diarsenide, Diarsenic tritelluride, Zinc diarsenide, Nickel diarsenide, Roxarsone, Dichromium arsenide, Erbium arsenide, Lanthanum arsenide, Niobium arsenide, Neodymium arsenide, Triantimony arsenide, Samarium arsenide, Yttrium arsenide, Tribarium diarsenide, Tricalcium diarsenide, Germanium arsenide, Trisilver arsenide, Sodium dimethylarsinate, Arsenic sulfide, Gallium arsenide, Indium arsenide, Diarsenic pentaoxide, Arsenic sulfide, Diarsenic triselenide, Diarsenic trioxide, Ammonium dihydrogenarsenate, Potassium arsenite, Trisodium arsenite, Trisodium arsenate, Zinc arsenate, Tristrontium diarsenate, Tribarium diarsenate, Trinickel bis(arsenate), Trilithium arsenate, Trisilver arsenate, 6,6'-dihydroxy-3,3'-diarsene-1,2-diyldianilinium dichloride, Sodium metaarsenate, Copper diarsenite, Potassium hexafluoroarsenate, Hydrogen hexafluoroarsenate, N-(p-arsenosophenyl)-1,3,5-triazine-2,4,6-triamine, Aluminium arsenide, Triammonium arsenate, Tricobalt diarsenate, Cobalt arsenide, Nickel arsenide, Tricalcium diarsenite, 3-methyl-4-(pyrrolidin-1-yl)benzenediazonium hexafluoroarsenate, Antimony arsenate, Arsenic acid, copper(2+) salt, Lithium hexafluoroarsenate, Oxophenarsine, Triethyl arsenite, Ammonium copper arsenate, Europium arsenide, Trilead diarsenate, Disodium 4-[(o-arsonophenyl)azo]-3-hydroxynaphthalene-2,7-disulphonate, Tristrontium diarsenide, Tritylium hexafluoroarsenate, Diphenyldiarsenic acid, Neoarsphenamine, Oxophenarsine hydrochloride, Tris[(8α,9R)-6'-methoxycinchonan-9-ol] bis(arsenate), Triphenylsulphonium hexafluoroarsenate(1-), Zirconium arsenide, Trimanganese arsenide, Sodium cacodylate trihydrate, Sulfarsphenamine, Disodium 3,6-bis[(o-arsonophenyl)azo]-4,5-</p>	<p>100258-44-4, 10031-13-7, 10048-95-0, 100995-81-1, 10102-49-19 5, 10102-50-8, 10103-50-1, 10103-61-4, 10103-62-5, 102110-21-4, 102110-62-3, 10476-82-1, 12005-75-3, 12005-81-1, 12005-86-6, 12005-88-8, 12005-89-9, 12005-92-4, 12005-94-6, 12005-95-7, 12006-08-5, 12006-09-6, 12006-10-9, 12006-12-1, 12006-21-2, 12006-40-5, 12044-16-5, 12044-20-1, 12044-21-2, 12044-22-3, 12044-25-6, 12044-28-9, 12044-49-4, 12044-54-1, 12044-55-2, 12068-61-0, 121-19-7, 12254-85-2, 12254-88-5, 12255-04-8, 12255-08-2, 12255-09-3, 12255-36-6, 12255-39-9, 12255-48-0, 12255-50-4, 12255-53-7, 12271-72-6, 12417-99-1, 124-65-2, 12612-21-4, 1303-00-0, 1303-11-3, 1303-28-2, 1303-33-9, 1303-36-2, 1327-53-3, 13462-93-6, 13464-35-2, 13464-37-4, 13464-38-5, 13464-44-3, 13464-68-1, 13477-04-8, 13477-70-8, 13478-14-3, 13510-44-6, 139-93-5, 15120-17-9, 16509-22-1, 17029-22-0, 17068-85-8, 21840-08-4, 22831-42-1, 24719-13-9, 24719-19-5, 27016-73-5, 27016-75-7, 27152-57-4, 27569-09-1, 28980-47-4, 29871-13-4, 29935-35-1, 306-12-7, 3141-12-6, 32680-29-8, 32775-46-5, 3687-31-8, 3688-92-4, 39297-24-0, 437-15-0, 4519-32-8, 457-60-3, 538-03-4, 549-59-7, 57900-42-2, 60909-47-9, 61219-26-9, 6131-99-3, 618-82-6, 62337-00-2, 62613-15-4, 63217-32-3, 63217-33-4, 637-03-6, 64475-90-7, 64973-06-4, 65453-05-6, 67251-38-1, 67712-00-9, 68611-46-1, 68892-01-3, 68951-38-2, 69011-59-2, 69029-51-2, 69029-67-0, 70333-07-2, 7440-38-2, 75-60-5, 7631-89-2, 7778-39-4, 7778-43-0, 7778-44-1, 7784-08-9, 7784-33-0, 7784-34-1, 7784-35-2, 7784-36-3, 7784-37-4, 7784-38-5, 7784-40-9, 7784-41-0, 7784-44-3, 7784-45-1, 7784-46-5, 7786-26-2, 8000-70-7, 81057-05-2, 81000-26-</p>	<p>Banned as substances or in mixtures where the substance or mixture is intended for use to prevent the fouling by micro-organisms, plants or animals (e.g. hulls of boats, cages, floats, nets, submerged applicanes or equipment), in the preservation of wood. Possible exemptions.</p>
<p>Organostannic compounds (TBT,TPT,DBT, DOT etc.)</p>	<p>-</p>	<p>20 Restricted as substances or in mixtures where the substance or mixture is acting as biocide in free association paint to prevent the fouling by micro-organisms, plants or animals. Threshold limits of Tri-substituted organostannic compounds: <0.1%w/w in all articles; Dibutyltin (DBT) compounds: <0.1%w/w in all mixtures and articles supplied to the public; DBT exception: materials and articles regulated under Regulation (EC) No 1935/2004. Dioctyltin (DOT) compound: <0.1%w/w in articles supplied to the public (for example, textile, nappies)</p>
<p>Di-μ-oxo-di-n-butylstanniohydroxyborane / Dibutyltin hydrogen borate C8H19BO3Sn (DBB)</p>	<p>75113-37-0</p>	<p>21 Restricted as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight (possible exemption)</p>
<p>Pentachlorophenol and its salts and esters, Pentachlorophenol esters, Pentachlorophenol salts, Sodium pentachlorophenolate, N2-benzyl pentachlorophenyl N2-carboxy-L-(2-aminoglutaramate), Perchlorophenyl N-(benzyloxycarbonyl)-L-isoleucinate, Perchlorophenyl S-benzyl-N-(benzyloxycarbonyl)-L-cysteinat, Pentachlorophenyl N-[(4-methoxyphenyl)methoxycarbonyl]-L-serinate, Perchlorophenyl 5-oxo-L-prolinate, Zinc bis(pentachlorophenolate), Pentachlorophenyl laurate, Potassium pentachlorophenolate, Pentachlorophenol</p>	<p>131-52-2, 13673-51-3, 13673-53-5, 13673-54-6, 23234-97-1, 228990-85-4, 2917-32-0, 3772-94-9, 7778-73-6, 87-86-5</p>	<p>22 Restricted use: as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight</p>

<p>Cadmium and its compounds (Cadmium compounds, Cadmium nitrate, Cadmium chloride 10022-68-1, 10325-94-7, 100402-53-7, 100656-55-1, 101012-89-23 phosphate (Cd₅Cl(PO₄)₃), manganese-doped, Flue dust, copper-lead blast furnace, 9, 101012-93-5, 101012-94-6, 10108-64-2, 10124-36-4, 31119-cadmium-indium-enriched, Dodecanoic acid, cadmium salt, basic, Octadecanoic acid, 53-6, 101356-99-4, 101357-00-0, 101357-01-1, 101357-02-2, cadmium salt, basic, Octadecanoic acid, 12-hydroxy-, cadmium salt, basic, Cadmium 101357-03-3, 101357-04-4, 10196-67-5, 102110-30-5, 102184-chloride, Cadmium sulphate, Cadmium oxide (CdO), solid soln. with calcium oxide and 95-2, 10326-28-0, 10468-30-1, 11112-63-3, 1191-79-3, 12014-14-titanium oxide (TiO₂), praseodymium-doped, Cadmium selenide (CdSe), solid soln. with 1, 12014-28-7, 12014-29-8, 12139-23-0, 12185-64-7, 12187-14-cadmium sulfide, zinc selenide and zinc sulfide, aluminum and copper-doped, Cadmium 3, 12214-12-9, 12292-07-8, 12442-27-2, 12626-36-7, 12656-57-selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, copper 4, 1306-19-0, 1306-23-6, 1306-24-7, 1306-25-8, 13477-17-3, and manganese-doped, Cadmium selenide (CdSe), solid soln. with cadmium sulfide, zinc 13477-19-5, 13477-23-1, 13701-66-1, 13755-33-4, 13814-59-0, selenide and zinc sulfide, europium-doped, Cadmium selenide (CdSe), solid soln. with 13814-62-5, 13832-25-2, 13847-17-1, 13972-68-4, 14017-36-8, cadmium sulfide, zinc selenide and zinc sulfide, gold and manganese-doped, Cadmium 14067-62-0, 141-00-4, 14239-68-0, 14312-00-6, 14402-75-6, selenide (CdSe), solid soln. with cadmium sulfide, zinc selenide and zinc sulfide, 14486-19-2, 14566-86-0, 14689-45-3, 14874-24-9, 14923-81-0, manganese and silver-doped, Cadmium myristate, Cadmium oxide (CdO), solid soln. with 14949-59-8, 14949-60-1, 15337-60-7, 15682-87-8, 15708-29-9, magnesium oxide, tungsten oxide (WO₃) and zinc oxide, Silicic acid, zirconium salt, 15743-19-8, 15851-44-2, 15852-14-9, 16039-55-7, 16056-72-7, cadmium pigment-encapsulated, Cadmium perchlorate hexahydrate, Cadmium dioleate, 16105-06-9, 16986-83-7, 17010-21-8, 18974-20-4, 18991-05-4, Cadmium selenide sulphide, Barium cadmium tetrastearate, Cadmium titanium trioxide, 19010-65-2, 19010-79-8, 21041-95-2, 2191-10-8, 2223-93-0, Tricadmium diphosphide, Antimony, compound with cadmium (2:3), Cadmium zirconium 2420-97-5, 2420-98-6, 24345-60-6, 2605-44-9, 26264-48-2, trioxide, Pentacadmium chloridetriphosphate, Dicalcium niobate, Dicalcium selenide 27476-27-3, 2847-16-7, 29977-13-7, 3026-22-0, 30304-32-6, sulphide, Cadmium ditantalum hexaoxide, Cadmium zinc sulphide, Cadmium selenide 31017-44-4, 31215-94-8, 34100-40-8, 34303-23-6, 35658-65-2, sulfide, Cadmium sulfoselenide orange, Cadmium oxide, Cadmium sulphide, Cadmium 36211-44-6, 38517-19-0, 4167-05-9, 4390-97-0, 4464-23-7, 4476-selenide, Cadmium telluride, Tricadmium bis(phosphate), Cadmium silicate, Cadmium 04-4, 49784-42-1, 50648-02-7, 506-82-1, 5112-16-3, 51222-60-sulphite, Diboron tricadmium hexaoxide, Dicalcium hexakis(cyano-C)ferrate(4-), 7, 513-78-0, 52337-78-7, 542-83-6, 543-90-8, 5743-04-4, 55700-Cadmium selenite, Cadmium selenate, Cadmium diricinoleate, Cadmium orthophosphate, 14-6, 56982-42-4, 5743-04-4, 58339-34-7, 61789-34-2, 61951-96-Cadmium molybdenum tetroxidem, Cadmium disulphamate, Cadmium hydrogen 0, 62149-56-8, 63400-09-9, 6427-86-7, 64681-08-9, 654054-66-phosphate, Cadmium succinate, Cadmium bis(diethyldithiocarbamate), Cadmium 7, 67906-19-8, 67939-62-2, 67989-93-9, 68092-45-5, 68131-58-chromate, Cadmium dipotassium tetracyanide, Cadmium tetrafluoroborate, 8, 68131-59-9, 68214-25-5, 68309-98-8, 68332-81-0, 68409-82-Bis(dibutyldithiocarbamato-S,S')cadmium, Bis(pentane-2,4-dionato-O,O')cadmium, 5, 68478-53-5, 68479-13-0, 68784-10-1, 68784-55-4, 68855-80-Tris(ethylenediamine)cadmium dihydroxide, Cadmium diicosanoate, Cadmium 1, 68876-84-6, 68876-98-2, 68876-99-3, 68877-00-9, 68877-01-bis(piperidine-1-carbodithioate), Bis(dimethyldithiocarbamato-S,S')cadmium, Lauric acid, 0, 68891-87-2, 68953-39-9, 68956-81-0, 68966-97-2, 69011-69-barium cadmium salt, Disodium tetrakis(cyano-C)cadmate(2-), Dipotassium [[N,N'- 4, 69012-21-1, 69012-57-3, 69029-63-6, 69029-70-5, 69029-77-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']cadmate(2-), Cadmium 2, 69029-90-9, 69029-91-0, 69121-20-6, 69190-99-4, 70084-75-Monomethyl-tetrachlorodiphenyl methane Trade name: Ugilec 141 76253-60-6</p>	24	Restricted in mixtures, paints, coating, brazin fillers and articles (0.01 % w/w in PVC, PUR, LDPE, CA, CAB, epoxy resins, MF, UF, UP, PET, PBT, VPE, polystyrene PP etc.). Applicable exemptions.
Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121, Ugilec 21 -	25	Banned as substances or in mixtures or articles.
Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers 99688-47-8 Trade name: DBBT	26	Banned as substances or in mixtures or articles.
Nickel and its compounds - Nickel compounds - Nickel 7440-02-0	27	Restrictions in any post assemblies which are inserted into pierced ears and other pierced parts of the human body and in articles intended to come into direct and prolonged contact with the skin (e.g. earrings, necklaces, bracelets, chains etc.)

<p>Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively.</p> <ul style="list-style-type: none"> - Carcinogen category 1B (Table 3.1)/ carcinogen category 2 (Table 3.2) listed in Appendix 2 - Carcinogen category 1A (Table 3.1)/ carcinogen category 1 (Table 3.2) listed in Appendix 1 	28	Restricted as substances, constituents of other substances or in mixtures. Applicable exemptions (e.g. medical devices, etc.).	
<p>Substances which are classified as germ cell mutagen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 3 or Appendix 4, respectively.</p> <ul style="list-style-type: none"> - Mutagen category 1B (Table 3.1)/ mutagen category 2 (Table 3.2) listed in Appendix 4 - Mutagen category 1A (Table 3.1)/ mutagen category 1 (Table 3.2) listed in Appendix 3 	29	Restricted as substances, constituents of other substances or in mixtures. Applicable exemptions (e.g. medical devices, etc.).	
<p>Substances which are classified as reproductive toxicant category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 5 or Appendix 6, respectively.</p> <ul style="list-style-type: none"> - Reproductive toxicant category 1B adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 2 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 6 - Reproductive toxicant category 1A adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 1 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 5 	30	Restricted as substances, constituents of other substances or in mixtures. Applicable exemptions (e.g. medical devices, etc.).	
<p>Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline. 122384-78-5, 61789-28-4, 65996-85-2, 65996-91-0, 8001-58-9, 31 Creosote oil; wash oil. Tar acids, coal, crude; crude phenols. Distillates (coal tar), upper; 8021-39-4, 84650-04-4, 90640-80-5, 90640-84-9 heavy anthracene oil. Creosote; wash oil. Creosote, wood. Distillates (coal tar), naphthalene oils; naphthalene oil. Anthracene oil. Creosote oil, acenaphthene fraction; wash oil.</p>	31	Banned use: treatment of wood. Applicable exemptions.	
<p>Chloroform</p>	67-66-3	32	Restricted as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics. "For use in industrial installations only" labels. (possible exemptions for medicinal or veterinary products and cosmetic products)
<p>1,1,2-Trichloroethane</p>	79-00-5	34	Restricted as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics. "For use in industrial installations only" labels. (possible exemptions for medicinal or veterinary products and cosmetic products)
<p>1,1,2,2-Tetrachloroethane (R-130)</p>	79-34-5	35	Restricted as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics. "For use in industrial installations only" labels. (possible exemptions for medicinal or veterinary products and cosmetic products)

1,1,1,2-Tetrachloroethane	630-20-6	36	Restricted as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics. "For use in industrial installations only" labels. (possible exemptions for medicinal or veterinary products and cosmetic products)
Pentachloroethane	1976-01-07	37	Restricted as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics. "For use in industrial installations only" labels. (possible exemptions for medicinal or veterinary products and cosmetic products)
1,1-Dichloroethene	75-35-4	38	Restricted as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics. "For use in industrial installations only" labels. (possible exemptions for medicinal or veterinary products and cosmetic products)
Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, - 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not		40	Banned as substances or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes (e.g. artificial snow, imitation excrement, horns for parties, stink bombs etc.). 'For professional users only' for other use of aerosol dispensers label. Applicable exemptions.
Hexachloroethane	67-72-1	41	Banned as substance or in mixtures, where the substance or mixture is intended for the manufacturing or processing of non-ferrous metals.
Azocolourants and Azodyes	Please see 1907/2006/EC Appendices 8 and 9	43	Restricted in textile and leather articles which may come into direct and prolonged contact with the human skin or oral cavity (e.g. clothing, bedding, towels, gloves, chair cover, etc.) (threshold 0.003 % w/w). <0.1%w/w in mixture for Azodyes which are contained in Appendix 9 - 'List of azodyes' and are intended for colouring textile and leather articles.
Diphenylether, octabromo derivative C ₁₂ H ₂ Br ₈ O	-	45	Restricted as a substance, in mixtures or in articles or flame-retardant parts in a concentration equal to, or greater than 0,1 % by weight. (possible exemptions for some articles and electrical and electronic equipment)

Nonylphenol ethoxylates (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O, Nonylphenol C ₆ H ₄ (OH)C ₉ H ₁₉	-	46	Restricted as a substance or in mixtures in a concentration equal to, or greater than 0,1 % by weight, in domestic, industrial and institutional cleaning, textile and leather processing, emulsifier in agricultural teat dips, metal working, manufacturing of pulp and paper, cosmetic products, other personal care products and co-formulants in pesticides and biocides. (possible exemptions)
Nonylphenol ethoxylates (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O. 4-Nonylphenol, branched, ethoxylated. 4-Nonylphenol, ethoxylated. Isononylphenol, ethoxylated. Nonylphenol, branched, ethoxylated, phosphated. Nonylphenol, branched, ethoxylated. Nonylphenol, ethoxylated.	127087-87-0, 26027-38-3, 37205-87-1, 68412-53-3, 68412-54-4, 46a		Restriction after 3 February 2021 in textile articles which can reasonably be expected to be washed in water during their normal lifecycle, in concentrations equal to or greater than 0,01 % by weight of that textile article or of each part of the textile article.
Chromium VI compounds	-	47	Restricted as a substance or in mixtures, in cement and cement-containing mixtures if they contain, when hydrated, more than 2 mg/kg (0,0002%) soluble chromium VI of the total dry weight of the cement. Restricted in leather articles and articles containing leather parts coming into contact with the skin. Applicable exemptions.
Toluene	108-88-3	48	Restricted as a substance or in mixtures in a concentration equal to, or greater than 0,1 % by weight, where the substance or mixture is used in adhesives or spray paints intended for supply to the general public.
Trichlorobenzene	120-82-1	49	Restricted as a substance or in mixtures in a concentration equal to, or greater than 0,1 % by weight. Applicable exemptions.
Polycyclic-aromatic hydrocarbons (PAH) - Benzo[e]pyrene (BeP), Benzo[j]fluoranthene (BjFA), Benzo[b]fluoranthene (BbFA), Benzo[k]fluoranthene (BkFA), Chrysen (CHR), Benzo[a]pyrene (BaP), Dibenz[a,h]anthracene (DBAhA), Benzo[a]anthracene (BaA)	192-97-2, 205-82-3, 205-99-2, 207-08-9, 218-01-9, 50-32-8, 70-3, 56-55-3	50	Extender oils shall not be placed on the market, or used for the production of tyres or parts of tyres if they contain — more than 1 mg/kg (0,0001 % by weight) BaP, or — more than 10 mg/kg (0,001 % by weight) of the sum of all listed PAHs. Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs (e.g. sport equipment, etc). Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the listed PAHs. Applicable definitions, standards and exemptions.
The following phthalates : Benzyl butyl phthalate (BBP), Bis (2-ethylhexyl) phthalate (DEHP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)	117-81-7, 84-74-2, 84-69-5, 85-68-7	51	Restricted in a concentration greater than 0,1 % by weight of the plasticised materials, in toys and childcare articles.
The following phthalates : Di-n-octyl phthalate (DNOP), Di-“isodecyl” phthalate (DIDP), Di-“isononyl” phthalate (DINP), 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich	117-84-0, 26761-40-0, 28553-12-0, 68515-48-0, 68515-49-1	52	Restricted in a concentration greater than 0,1 % by weight of the plasticised materials, in toys and childcare articles which can be placed in the mouth of children.

2-(2-methoxyethoxy)ethanol (DEGME)	111-77-3	54	Restricted for supply to the general public, as a constituent of paints, paint strippers, cleaning agents, self-shining emulsions or floor sealants in concentrations equal to or greater than 0,1 % by weight.
2-(2-butoxyethoxy)ethanol (DEGBE)	112-34-5	55	Restricted for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight. Labelling requirements for paints other than spray paints "Do not use in paint spraying equipment".
Methylenediphenyl diisocyanate (MDI) including the following specific isomers : 4,4'-Methylenediphenyl diisocyanate, 2,2'-Methylenediphenyl diisocyanate, Methylenediphenyl diisocyanate (MDI), 2,4'-Methylenediphenyl diisocyanate	101-68-8, 2536-05-2, 26447-40-5, 5873-54-1	56	Restricted for supply to the general public, as a constituent of mixtures in concentrations equal to or greater than 0,1 % by weight. Applicable exemption (with protective equipment and marking requirements)
Cyclohexane	110-82-7	57	Restricted for supply to the general public, as a constituent of neoprene-based contact adhesives in concentrations equal to or greater than 0,1 % by weight in package sizes greater than 350 g. Applicable exemption (with marking requirements)
Ammonium nitrate (AN)	6484-52-2	58	Restricted as a substance, or in mixtures that contain more than 28 % by weight of nitrogen in relation to ammonium nitrate, for use as a solid fertiliser, straight or compound. Otherwise restricted as a substance, or in mixtures that contain 16 % or more by weight of nitrogen in relation to ammonium nitrate. Applicable exemptions.
Dichloromethane	1975-09-02	59	Restricted in paint strippers containing dichloromethane in a concentration equal to or greater than 0,1 % by weight. Applicable exemptions.
Acrylamide	1979-06-01	60	Restricted as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight, for grouting applications.
Dimethylfumarate (DMF)	624-49-7	61	Restricted in articles or any parts in concentrations greater than 0,1 % by weight.
Phenylmercury propionate, Phenylmercury 2-ethylhexanoate, Phenylmercury octanoate, Phenylmercury neodecanoate, Phenylmercury acetate	103-27-5, 13302-00-6, 13864-38-5, 26545-49-3, 62-38-4	62	Restricted in substances, mixtures, articles or any parts in concentrations of mercury greater than 0,1 % by weight (after October 2017)

Lead and its compounds	7439-92-1	63	Restricted in any individual part of jewellery articles and in articles or accessible parts that may, during normal or reasonably foreseeable conditions of use, be placed in the mouth by children, in concentrations greater than 0,05 % by weight. Applicable definitions and exemptions.
1,4-Dichlorobenzene	106-46-7	64	Restricted as a substance or as a constituent of mixtures in a concentration equal to or greater than 1 % by weight, where the substance or the mixture is placed on the market for use or used as an air freshener or deodoriser in toilets, homes, offices or other indoor public areas.
Inorganic ammonium salts	-	65	Shall not be placed on the market, or used, in cellulose insulation mixtures or cellulose insulation articles after 14 July 2018. Exemptions and conditions apply.
4,4'-isopropylidenediphenol Bisphenol A; BPA	29348	66	Shall not be placed on the market in thermal paper in a concentration equal to or greater than 0,02 % by weight after 2 January 2020
Bis(pentabromophenyl)ether (decabromodiphenyl ether; decaBDE)	1163-19-5	67	May not be manufactured or placed on the market as a substance on its own, or as a mixture, component, article, or any part thereof in a concentration equal to or greater than 0.1% by weight, after March 2017. Aircraft production is exempt from this new restriction until March 2, 2027. And there are exemptions for electrical and electronic equipment within the scope of Directive 2011/65/EU with PBDE restrictions, motor vehicles within the scope of Directive 2007/46/EC, agricultural and forestry vehicles within the scope of Regulation (EU) No 167/2013, and machinery within the scope of Directive 2006/42/EC.

Pentadecafluorooctanoic acid (PFOA) and its salts and related substances	335-67-1 and others	68	Shall not be manufactured, or placed on the market as substances on their own from 4 July 2020. Shall not, from 4 July 2020, be used in the production of, or placed on the market in another substance, as a constituent, a mixture, or an article, in a concentration equal to or above 25 ppb of PFOA including its salts or 1 000 ppb of one or a combination of PFOA-related substances. Deadline is 4 July 2022 for equipment used to manufacture semi-conductors and 4 July 2032 for medical devices other than implantable medical devices. Exemptions apply: e.g. Photo-lithography processes for semiconductors or in etching processes for compound semiconductors and semiconductors & compound semiconductors referred to them.
Methanol	67-56-1	69	Shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.
Octamethylcyclotetrasiloxane (D4); Decamethylcyclopentasiloxane (D5)	541-02-6, 556-67-2	70	Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020.
1-methyl-2-pyrrolidone (NMP)	872-50-4	71	Shall not be placed on the market nor manufactured or used as a substance on its own or in mixtures in a concentration equal to or greater than 0,3 % after 9 May 2020. Possible derogation for solvent and reactant in the process of coating wires.

<p>The following substances which are classified as carcinogenic, mutagenic or toxic for reproduction, category 1A or 1B: Cadmium and its compounds, Chromium VI compounds, Arsenic compounds, Lead and its compounds, Benzene, Benz[a]anthracene, Benz[e]acephenanthrylene, benzo[a]pyrene, benzo[def]chrysene, Benzo[e]pyrene, Benzo[j]fluoranthene, Benzo[k]fluoranthene, Bis(2-methoxyethyl) phthalate, Chrysene, Dibenz[a,h]anthracene, $\alpha,\alpha,4$-tetrachlorotoluene; pchlorobenzotrichloride, α,α-trichlorotoluene; benzotrichloride, α-chlorotoluene; benzyl chloride, Formaldehyde, 1,2-benzenedicarboxylic acid; diC 6-8-branched alkylesters, C 7-rich, Diisopentylphthalate, Di-pentyl phthalate (DPP), Di-n-hexyl phthalate (DnHP), N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (NMP), N,N-dimethylacetamide (DMAC), N,N-dimethylformamide; dimethyl formamide (DMF), 1,4,5,8-tetraaminoanthraquinone; C.I. Disperse Blue 1, Benzenamine, 4,4'-(4-iminocyclohexa-2,5-dienylidene)methylene)dianiline hydrochloride; C.I. Basic Red 9, [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride; C.I. Basic Violet 3 with $\geq 0,1$ % of Michler's ketone, 4-chloro-o-toluidinium chloride, 2-Naphthylammoniumacetate, 4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate, 2,4,5-trimethylaniline hydrochloride, Quinoline.</p>	<p>100-44-7, 117-82-8, 127-19-5, 131-18-0, 192-97-2, 205-82-3, 72 205-99-2, 207-08-9, 21436-97-5, 218-01-9, 2475-45-8, 3165-93-3, 39156-41-7, 50-00-0, 50-32-8, 5216-25-1, 53-70-3, 548-62-9, 553-00-4, 56-55-3, 569-61-9, 605-50-5, 68-12-2, 71-43-2, 71888-89-6, 84-75-3, 872-50-4, 91-22-5, 98-07-7.</p>	<p>Shall not be placed on the market after 1 November 2020 in any of the following: (a) clothing or related accessories; (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing; (c) footwear; (Thresholds, conditions and exemptions apply)</p>
<p>(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silanetriol and any of its mono-, di- or tri-O- (alkyl) derivatives (TDFAs)</p>	<p>73</p>	<p>Shall not be placed on the market for supply to the general public after 2 January 2021 individually or in any combination, in a concentration equal to or greater than 2 ppb by weight of the mixtures containing organic solvents, in spray products. Additional marking and communication details.</p>
<p>Diisocyanates, $O = C=N-R-N = C=O$, with R an aliphatic or aromatic hydrocarbon unit of unspecified length</p>	<p>74</p>	<p>Shall not be used as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 August 2023, unless:</p> <p>(a) the concentration of diisocyanates individually and in combination is less than 0.1 % by weight, or</p> <p>(b) the employer or self-employed ensures that industrial or professional user(s) have successfully completed training on the safe use of diisocyanates prior to the use of the substance(s) or mixture(s).</p> <p>2. Shall not be placed on the market as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 February 2022, unless:</p> <p>(a) the concentration of diisocyanates individually and in combination is less than 0.1 % by weight, or</p> <p>(b) the supplier ensures that the recipient of the substance(s) or mixture(s) is provided with information on the requirements and the following statement is placed on the packaging, in a manner that is visibly distinct from the rest of the label information: "As from 24 August 2023 adequate training is required before industrial or professional use".</p>
<p>Substances in tattoo inks and permanent make up</p>	<p>75</p>	<p>List of restricted substances for tattooing purposes, after January 4th, 2022, including arsenic, barium, cadmium, chromium, cobalt, lead, mercury, nickel, selenium, various pigments, zinc. Some exemptions apply.</p>