



Swiss chemicals legislation

Chemical Risk Reduction Ordinance

List of banned substances

The following table provides a summary of the restrictions and prohibitions specified in Annexes 1 and 2 of the Ordinance on the Reduction of Risks relating to the Use of Certain Particularly Dangerous Substances, Preparations and Articles (Chemical Risk Reduction Ordinance, ORRChem), which manufacturers and traders are required to comply with regarding the manufacture, placing on the market and/or export of certain substances, preparations and articles.

Not included in the table are prohibitions and restrictions on use addressed to professional and commercial or private users, as well as other provisions such as labelling requirements, notification requirements or disposal requirements.

With regard to the handling of chemicals, relevant aids to enforcement produced by the FOEN as a supervisory or technical authority and guidance issued by the FOEN as an enforcement authority can be found in the Chemicals section of the [FOEN](#) website (Topics > Chemicals > Information for specialist).

This document (current as of July 2021) is provided for information purposes only, while the original text of the ORRChem is legally binding.

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
1-Bromopropane (n-propyl bromide) (CAS no. 71-55-6)	<p>Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation)</p> <p>With effect from 2 November 2023 it is prohibited to place 1-Bromopropane, and preparations containing 1-Bromopropane, on the market</p>	See "Substances in accordance with Annex XIV, REACH Regulation"
1,1,1-Trichloroethane (CAS no. 71-55-6)	See "Ozone depleting substances"	
1,1-Dichloroethylene (CAS no. 75-35-4) 1,1,1,2-Tetrachloroethane (CAS no. 630-20-6) 1,1,2-Trichloroethane (CAS no. 79-00-5) 1,1,2,2-Tetrachloroethane (CAS no. 79-34-5)	<p>Annex 1.3 (Chlorinated aliphatic hydrocarbons)</p> <p>Placing on the market of these substances, and of substances and preparations containing 0.1% or more of them, is prohibited</p>	<ul style="list-style-type: none"> • Medical products and cosmetics (subject to the provisions of medical product and food legislation) • Supply for use in closed systems in industrial processes • Use for analysis and research purposes
1,2-Dichloroethane (EDC, CAS no: 107-06-2)	<p>Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation)</p> <p>With effect from 1 February 2022 it is prohibited to place EDC, and preparations containing EDC, on the market</p>	See "Substances in accordance with Annex XIV, REACH Regulation"
1,4-dichlorobenzene (CAS no. 106-46-7)	<p>Annex 2.2 (Cleaning, deodorising and cosmetic products)</p> <p>Placing on the market of deodorisers and air-fresheners intended for use in toilets, private households, offices and other publicly accessible interiors, containing 1% or more of dichlorobenzene, is prohibited</p>	
1,2,4-trichlorobenzene (CAS no. 120-82-1)	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>Placing on the market of this substance, and of substances and preparations containing 0.1% or more of 1,2,4-trichlorobenzene, is prohibited</p>	<ul style="list-style-type: none"> • Intermediate products in synthesis • Process solvents in closed systems in chlorination reactions • Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
2-naphthylamine (CAS no. 91-59-8) and its salts	Annex 1.13 (Nitroaromatics and aromatic amines) Placing on the market of these substances, and of substances or preparations containing 0.1% or more of these substances, is prohibited	Analysis and research purposes
2,4-dinitrotoluene (2,4-DNT, CAS no. 121-14-2)	Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation) Placing on the market of 2,4-DNT, and preparations containing 2,4-DNT, is prohibited	See "Substances in accordance with Annex XIV, REACH Regulation"
2,2'-Dichloro-4,4'-methylenedianiline (MOCA, CAS no: 101-14-4)	Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation) With effect from 1 February 2022 it is prohibited to place MOCA, and preparations containing MOCA, on the market	See "Substances in accordance with Annex XIV, REACH Regulation"
2,4,5-trichlorophenoxyacetic acid and its salts 2,4,5-trichlorophenoxyacetyl compounds 2-(2,4,5-trichlorophenoxy) propionic acid and its salts 2-(2,4,5-trichlorophenoxy) propionyl compounds	Annex 1.2 (Halogenated organic compounds) It is prohibited to manufacture and/or place on the market these substances and substances and preparations containing these substances	Use for analysis and research purposes
4-aminobiphenyl (CAS no. 92-67-1) and its salts 4-nitrobiphenyl (CAS no. 92-93-3)	Annex 1.13 (Nitroaromatics and aromatic amines) Placing on the market of these substances, and of substances and preparations containing 0.1% or more of these substances, is prohibited	Use for analysis and research purposes
4,4'-diaminodiphenyl methane (MDA, CAS no. 101-77-9)	Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation) Placing on the market of MDA, and preparations containing MDA, is prohibited. With effect from 1 November 2021 it is also prohibited to	See "Substances in accordance with Annex XIV, REACH Regulation"

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Formaldehyde, oligomer reaction products with aniline (Technical MDA, CAS no: 25214-70-4)	place technical MDA, and preparations containing technical MDA, on the market	
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] (includes each individual stereoisomer of [1] and [2] or any combination thereof)	Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation) With effect from 2 May 2024 it is prohibited to place these substances, and preparations containing these substances, on the market	See "Substances in accordance with Annex XIV, REACH Regulation"
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene, CAS no. 81-15-2)	Annex 1.17 (Substances according to Annex XIV, REACH Regulation) Placing on the market of musk xylene, and preparations containing musk xylene, is prohibited	See "Substances in accordance with Annex XIV, REACH Regulation"
Acids	Annex 2.12 (Aerosol dispensers) It is prohibited to manufacture and/or place aerosol dispensers on the market if they need to be labelled as follows on account of the acids they contain: -H330 (fatal if inhaled) -H331 (toxic if inhaled) Aerosol dispensers may not be supplied to the general public if they need to be labelled as follows on account of the acids they contain: -H314 (causes severe skin burns and eye damage) -H318 (causes serious eye damage)	
Acrylamide (CAS no. 79-06-1)	Annex 2.9 (Plastics, their monomers and additives) Placing on the market of acrylamide and substances and preparations containing 0.1% or more of acrylamide for sealing purposes (injection, grouting, jointing or casting) is prohibited	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Aerosol dispensers	See "Acids", "Bases", "Combustible substances", "Glycol ether", "Ozone depleting substances", "Solvents", "Substances stable in atmosphere", "Toluene" and "Vinyl chloride"	
Aldrin	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture and/or place aldrin on the market, and substances and preparations containing aldrin. New articles may not be placed on the market if they or parts thereof contain Aldrin</p>	Use for analysis and research purposes
Alkanes, C ₁₀₋₁₃ , chloro (SCCPs)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture SCCPs and substances and preparations containing SCCPs, and/or to place them on the market if they contain more than 1% of SCCPs. New articles may not be placed on the market if they or parts thereof contain more than 0.15% of SCCPs</p>	Use for analysis and research purposes
Air fresheners	See "1,4-dichlorobenzene"	
Amber fragrance	See "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]" (includes each individual stereoisomer of [1] and [2] or any combination thereof)	
Ammonium salts, inorganic	<p>Annex 1.9 (Flame retardants)</p> <p>With effect from 1 December 2019 it is prohibited to place on the market inorganic ammonium salts in cellulose insulation mixtures or cellulose insulation unless the emission of ammonia from those mixtures or articles results in a concentration of less than 3 ppm by volume (2.12 mg/m³) under test conditions according to Technical Specification CEN/TS 16516</p>	Cellulose insulation mixtures intended to be used solely for the production of cellulose insulation articles for which compliance with the emission limit will be demonstrated

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Anthracene oil (CAS no: 90640-80-5)	Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation) With effect from 2 February 2024 it is prohibited to place anthracene oil, and preparations containing anthracene oil, on the market	See "Substances in accordance with Annex XIV, REACH Regulation"
Arsenic (As) and arsenic compounds	Annex 2.4 (Biocide products) Placing on the market of these substances in wood preservatives, products used to protect industrial water, paints and varnishes, rodenticides and antifouling products is prohibited	Use for research and development purposes
Arsenic (As) and arsenic compounds	Annex 2.6 (Fertilisers) Mineral recycling fertilisers with recovered phosphorus may only be supplied if the arsenic content does not exceed 100 g per tonne of phosphorus (P)	
Arsenic (As) and arsenic compounds	Annex 2.17 (Wood-based materials) Wood-based materials must not contain more than 25 ppm of As	
Arsenic compounds - Arsenic acid (CAS no: 7778-39-4) - Diarsenic trioxide (CAS no. 1327-53-3) - Diarsenic pentaoxide (CAS no. 1303-28-2)	Annex 1.17 (Substances according to Annex XIV, REACH Regulation) Placing on the market of arsenic oxides and preparations containing these substances is prohibited. With effect from 1 November 2021 it is also prohibited to place arsenic acid, and preparations containing this substance, on the market	See "Substances in accordance with Annex XIV, REACH Regulation"
Asbestos: - Actinolite (CAS no. 77536-66-4) - Amosite (CAS no. 12172-73-5)	Annex 1.6 (Asbestos) Placing on the market and/or exporting preparations and articles containing asbestos is prohibited	Until 30 June 2025, placing on the market and/or exporting of diaphragms containing asbestos for existing electrolysis installations

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<ul style="list-style-type: none"> - Anthophyllite (CAS no. 77536-67-5) - Chrysotile (CAS no. 12001-29-5) - Crocidolite (CAS no. 12001-28-4) - Tremolite (CAS no. 77536-68-6) 		<p>On receipt of a justified request, exemptions are possible under certain conditions for:</p> <ul style="list-style-type: none"> • Placing on the market of preparations and articles containing asbestos, if no substitute material is available or if the technical characteristics of the appliance or equipment are such that it is essential to use spare parts containing asbestos • Placing on the market of preparations and articles containing asbestos, if on aesthetic grounds, no asbestos-free substitute material is considered suitable for ad hoc repair and restoration work in existing buildings and monuments • Placing on the market of appliances or equipment if they were commissioned before 1 March 1990 and they only contain asbestos in small quantities and in a bound form • Exporting appliances or equipment only containing asbestos in small quantities and in a bound form
Azo dyes	See "Blue colourant" and "Textile and leather goods"	
Bases	<p>Annex 2.12 (Aerosol dispensers)</p> <p>It is prohibited to manufacture and/or place aerosol dispensers on the market if they need to be labelled as follows on account of the bases they contain:</p> <ul style="list-style-type: none"> -H330 (potentially fatal if inhaled) -H331 (toxic if inhaled) <p>Aerosol dispensers may not be supplied to the general public if they need to be labelled as follows on account of the bases they contain:</p> <ul style="list-style-type: none"> -H314 (causes severe skin burns and eye damage) -H318 (causes serious eye damage) 	
Batteries	See "Cadmium", "Mandatory fee", "Mercury" and "Vehicles"	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Benzene (CAS no. 71-43-2)	<p>Annex 1.12 (Benzene)</p> <p>Placing on the market of benzene, and of substances and preparations containing 0.1% or more of benzene, is prohibited</p>	<ul style="list-style-type: none"> • Supply for use in closed systems in industrial processes • Use for analysis and research purposes • For benzene, the provisions of the Ordinance on Air Pollution Control (OAPC, SR 814.318.142.1) apply
Benzidine (CAS no. 92-87-5) and its salts	<p>Annex 1.13 (Nitroaromatics and aromatic amines)</p> <p>Placing on the market of these substances, and of substances or preparations containing 0.1% or more of these substances, is prohibited</p>	Use for analysis and research purposes
<p>“Blue colourant” is azo dye with the components:</p> <ul style="list-style-type: none"> - Disodium-(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)-chromate(1-) (molecular formula: C₃₉H₂₃ClCrN₇O₁₂S₂.2Na; CAS no. 118685-33-9) and - Trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-) (molecular formula: C₄₆H₃₀CrN₁₀O₂₀S₂.3Na) 	<p>Annex 1.13 (Azo dyes)</p> <p>It is prohibited to place on the market “blue colourant”, and substances and preparations containing 0.1% or more of “blue colourant”, for dyeing textiles or leather goods</p>	
<p>Brominated diphenyl ethers</p> <ul style="list-style-type: none"> - Tetrabromodiphenyl ether with molecular formula C₁₂H₆Br₄O - Pentabromodiphenyl ether with molecular formula C₁₂H₅Br₅O - Hexabromodiphenyl ether with molecular formula C₁₂H₄Br₆O - Heptabromodiphenyl ether with molecular formula C₁₂H₃Br₇O 	<p>Annex 1.1 (Persistent organic pollutants)</p> <ul style="list-style-type: none"> • The production and placing on the market of brominated diphenyl ethers and substances and preparations containing more than 0.001% of brominated diphenyl ethers is prohibited • New articles may not be placed on the market if they or parts thereof contain more than 0.001% of brominated diphenyl ethers 	<ul style="list-style-type: none"> • Use of substances and products that have been partially or fully produced from recycled materials or from materials produced from recycled waste, if their content of brominated diphenyl ethers does not exceed 0.1% • Electrical and electronic equipment may contain 0.1% polybrominated diphenyl ethers as sum of all congeners • Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Brominated diphenyl ethers - Decabromodiphenyl ether with molecular formula C ₁₂ Br ₁₀ O	See "Decabromodiphenyl ether (decaBDE)"	
Bromochloromethane (CAS no. 74-97-5) Bromomethane (CAS no. 74-83-9)	See "Ozone depleting substances"	
Cadmium (Cd) and cadmium compounds	<p>Annex 2.6 (Fertilisers)</p> <ul style="list-style-type: none"> • Organic fertilisers, organic mineral fertilisers, recycling fertilisers (with the exception of mineral recycling fertilisers) and farm manure may only be supplied if the cadmium content does not exceed 1 g/t of dry matter; sewage sludge must not be supplied • Phosphorus fertilisers containing more than 1% of phosphorus may only be supplied if the cadmium content does not exceed 50 g per per tonne of phosphorus (P); this limit is also applicable to organic mineral fertilisers containing more than 5% of phosphorus • Mineral recycling fertilisers with recovered phosphorus may only be supplied if the cadmium content does not exceed 25 g per tonne of phosphorus (P) 	
Cadmium (Cd) and cadmium compounds	<p>Annex 2.8 (Paints and varnishes)</p> <p>It is prohibited for manufacturers to place on the market paints and varnishes containing 0.01% or more of Cd, or articles treated with such paints and varnishes</p>	Paints and varnishes with a zinc content of 10% or more, whose Cd content does not exceed 0.1%, and articles treated with such paints or varnishes
Cadmium (Cd) and cadmium compounds	<p>Annex 2.9 (Plastics, their monomers and additives)</p> <p>It is prohibited for manufacturers to place articles on the market that contain plastics with a Cd content of 0.01% or more</p>	<ul style="list-style-type: none"> • Preparations containing PVC waste (recycling PVC) • Plastics containing recycling PVC with a Cd content of less than 0.1% for the following hard PVC applications: <ul style="list-style-type: none"> - Profiles and hard PVC tiles for use in construction - Doors, windows, shutters, walls, blinds, fences and gutters, floor and terrace coverings, cable ducts

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Cadmium (Cd) and cadmium compounds	<p>Annex 2.15 (Batteries)</p> <p>Portable batteries, including those incorporated into electrical and electronic equipment, may not be placed on the market if they contain more than 20 mg of Cd per kilogram</p>	<ul style="list-style-type: none"> - Water pipes, except drinking water pipes that contain recycling PVC in the middle layer of a multiple-layer pipe • Emergency and alarm systems and emergency lighting • Medical equipment
Cadmium (Cd) and cadmium compounds	<p>Annex 2.16 No. 2 (Cadmium-plated articles)</p> <p>It is prohibited for manufacturers to produce and/or place cadmium-plated articles on the market; for electrical and electronic equipment, the provisions of Annex 2.18 apply</p>	<ul style="list-style-type: none"> • Antiques • If no substitutes are currently available: <ul style="list-style-type: none"> - Aircraft, guided missiles, boat engines and their components - Articles requiring both corrosion protection and sliding properties - Spare parts for cadmium-plated articles
Cadmium (Cd) and cadmium compounds	<p>Annex 2.16 No. 3 (Cadmium in zinc-plated articles)</p> <p>The cadmium content of the zinc applied to zinc-plated articles must not exceed 0.025%</p>	
Cadmium (Cd) and cadmium compounds	<p>Annex 2.16 No. 3^{bis} (Cadmium in hard solders)</p> <p>It is prohibited to manufacture hard solders and/or place them on the market if they contain 0.01% or more of Cd</p>	<p>Hard solders containing Cd that are for use in defence, aviation and aerospace applications or are used for safety reasons</p>
Cadmium (Cd) and cadmium compounds	<p>Annex 2.16 No. 4 (Heavy metals in packaging)</p> <p>Packaging or packaging components must not contain, in total, more than 100 mg/kg of Cd, Hg, Cr(VI) and Pb</p>	<p>Plastic crates and plastic pallets, if they are manufactured using granules recovered from plastic crates and plastic pallets, and if there is no intentional introduction of heavy metals during recycling</p>

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Cadmium (Cd) and cadmium compounds	Annex 2.17 (Wood-based materials) Wood-based materials must not contain more than 50 ppm of Cd	
Cadmium (Cd) and cadmium compounds	See "Electrical and electronic equipment" and "Vehicles"	
Capacitors and transformers	Annex 2.14 (Capacitors and transformers) It is prohibited to place capacitors or transformers on the market if they contain <ul style="list-style-type: none"> • Halogenated aromatic substances such as PCBs, halogenated diarylalkanes or halogenated benzenes; or • Substances and preparations containing more than 500 ppm of monohalogenated aromatic substances or more than 50 ppm of polyhalogenated aromatic substances Capacitors manufactured in or before 1982 are deemed to contain pollutants	
Carbon tetrachloride (CAS no. 56-23-5)	See "Ozone depleting substances"	
Carcinogens	See "CMR substances"	
Cement	Annex 2.16 No. 1 (Chromium(VI) in cements) It is prohibited to place on the market cement and cement-containing preparations which contain, when hydrated, more than 0.0002% of soluble chromium(VI) of the total dry weight of the cement	Placing on the market for use in controlled, closed and totally automated processes, and in processes in which cement and cement-containing preparations are handled solely by machines and in which there is no possibility of contact with the skin
CFCs: all fully halogenated chlorofluorocarbons with up to 3 carbon atoms	See "Ozone depleting substances"	
Chlordane (CAS no. 57-74-9) Chlordecone (kepone, CAS no. 143-50-0)	Annex 1.1 (Persistent organic pollutants) It is prohibited to manufacture these substances and substances and preparations containing these substances and/or place them on	Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	the market. In addition, new articles or parts thereof containing these substances may not be placed on the market	
Chlorinated paraffins, short-chain (SCCPs)	See "Alkanes, C ₁₀₋₁₃ , chloro"	
Chloroform (CAS no. 67-66-3)	<p>Annex 1.3 (Chlorinated aliphatic hydrocarbons)</p> <p>Placing on the market of chloroform, and of substances and preparations containing 0.1% or more of chloroform, is prohibited</p>	<ul style="list-style-type: none"> • Medical products and cosmetics (subject to the provisions of medical product and food legislation) • Supply for use in closed systems in industrial processes • Use for analysis and research purposes • On receipt of a justified request, temporary exemptions may be granted for small quantities (< 20 litres per annum)
Chromium (Cr), total	<p>Annex 2.6 (Fertilisers)</p> <ul style="list-style-type: none"> • Mineral fertilisers and fertilisers prepared from animal by-products may only be supplied if the chromium content does not exceed 2,000 g/t of dry matter • Mineral recycling fertilisers with recovered phosphorus may only be supplied if the chromium content does not exceed 1000 g per tonne of phosphorus (P) 	
<p>Chromium(VI), chromate</p> <ul style="list-style-type: none"> - Chromium trioxide (CAS no: 1333-82-0) - Acids formed from chromium trioxide, and their oligomers - Sodium dichromate (CAS no: 7789-12-0; 10588-01-9) - Potassium dichromate (CAS no: 7778-50-9) - Ammonium dichromate (CAS no: 7789-09-5) 	<p>Annex 1.17 (Substances according to Annex XIV, REACH Regulation)</p> <p>With effect from 1 June 2021 it is prohibited to place these substances, and preparations containing these substances, on the market</p>	<ul style="list-style-type: none"> • Uses of chromium trioxide (CAS no: 1333-82-0), acids formed from chromium trioxide, and their oligomers and sodium dichromate (CAS no: 7789-12-0; 10588-01-9) in processes in which the end products do not contain chromium in hexavalent form • For further exemptions see "Substances in accordance with Annex XIV, REACH Regulation"

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<ul style="list-style-type: none"> - Potassium chromate (CAS no: 7789-00-6) - Sodium chromate (CAS no: 7775-11-3) 		
<p>Chromium(VI), chromate</p> <ul style="list-style-type: none"> - Dichromium tris(chromate) (CAS no: 24613-89-6) - Strontium chromate (CAS no: 7789-06-2) - Zinc potassium chromate (CAS no: 11103-86-9) - Pentazinc chromate octahydroxide (CAS no: 49663-84-5) 	<p>Annex 1.17 (Substances according to Annex XIV, REACH Regulation)</p> <p>With effect from 1 April 2023 it is prohibited to place these substances, and preparations containing these substances, on the market</p>	<p>See “Substances in accordance with Annex XIV, REACH Regulation”</p>
<p>Chromium(VI), chromate</p>	<p>Annex 2.16 No. 1 (Chromium(VI) in cements)</p> <p>It is prohibited to place on the market cement and cement-containing preparations which contain, when hydrated, more than 0.0002% of soluble chromium(VI) of the total dry weight of the cement</p>	<p>Placing on the market for use in controlled, closed and totally automated processes, and in processes in which cement and cement-containing preparations are handled solely by machines and in which there is no possibility of contact with the skin</p>
<p>Chromium(VI), chromate</p>	<p>Annex 2.16 No. 1^{bis} (Chromium(VI) in leather goods)</p> <p>It is prohibited to place on the market leather goods containing chromium that come into contact with the skin. A Cr(VI) content of 0.0003% (dry weight), or 3 mg/kg, is tolerated</p>	<p>The prohibition does not apply to the placing on the market of leather goods containing chromium if they have been initially supplied to end users prior to 1 September 2016</p>
<p>Chromium(VI), chromate</p>	<p>Annex 2.16 No. 4 (Heavy metals in packaging)</p> <p>Packaging and packaging components must not contain, in total, more than 100 mg/kg of Cr(VI), Hg, Pb and Cd</p>	<p>Plastic crates and plastic pallets, if they are manufactured using granules recovered from plastic crates and plastic pallets, and if there is no intentional introduction of heavy metals during recycling</p>

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Chromium(VI), chromate	See "Electrical and electronic equipment", "Lead compounds" and "Vehicles"	
C.I. pigment yellow 34 C.I. pigment red 104	See "Lead compounds"	
CMR substances (carcinogenic, mutagenic or toxic to reproduction)	<p>Annex 1.10 (CMR substances)</p> <p>CMR substances that are listed in Annex XVII, Systems 1-6 of Regulation (EC) No. 1907/2006 (REACH Regulation), and substances and preparations containing such substances, may not be supplied to the general public if their content exceeds the concentration that is specified in Annex I, paragraph 1.1.2.2, Regulation (EC) No. 1272/2008 (CLP)</p>	<ul style="list-style-type: none"> • Medical products • Artists' paints • Engine fuels • Oil products used as heating fuels in mobile or stationary furnaces and heating fuels in closed systems • Substances and their applications listed in Annex XVII Enclosure 11 of the REACH Regulation • CMR substances in cosmetics are regulated by the Foodstuffs and Utility Articles Ordinance (SR 817.02)
Coal tar pitch (high temp.) (CAS no: 65996-93-2)	<p>Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation)</p> <p>With effect from 2 February 2024 it is prohibited to place coal tar pitch, and preparations containing coal tar pitch, on the market</p>	See "Substances in accordance with Annex XIV, REACH Regulation"
<p>Combustible substances that meet the criteria of Regulation (EC) No. 1272/2008 for one of the following risk categories:</p> <ul style="list-style-type: none"> - 2.2 Flammable gases - 2.6 Flammable liquids - 2.7 Flammable solids - 2.9 Pyrophoric liquids - 2.10 Pyrophoric solids - 2.12 Substances and mixtures that produce flammable gases when they come into contact with water 	<p>Annex 2.12 (Aerosol dispensers)</p> <p>It is prohibited to supply to the general public aerosol dispensers for entertainment or decoration purposes which contain substances in the cited categories</p>	Aerosol dispensers containing substances which are combustible but are not classified as flammable or extremely flammable according to the criteria specified in Directive 75/324/EEC

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Contaminants (glass, metal, plastics) in Fertilisers	<p>Annex 2.6 (Fertilisers)</p> <p>Compost and digestate may only be supplied if the content of inert contaminants does not exceed the following values:</p> <ul style="list-style-type: none"> - contaminants (metal, glass, wastepaper, cardboard, etc.) with a diameter of more than 2 mm must not exceed 0.5% of the mass of the dry matter - the content of aluminium foil and plastics must not exceed 0.1% of the mass of the dry matter - the content of stones with a diameter of more than 5 mm should be as low as possible, so that fertiliser quality is not impaired. 	
<p>Cyclic siloxanes</p> <ul style="list-style-type: none"> - Octamethylcyclotetrasiloxane (D4, CAS no. 556-67-2) - Decamethylcyclopentasiloxane (D5, CAS no. 541-02-6) 	<p>Annex 2.2 (Cleaning, deodorising and cosmetic products)</p> <p>With effect from 1 June 2021 wash-off cosmetic products may not be placed on the market if their content of D4 or D5 is 0.1% or more</p>	
Cyclohexane (CAS no. 110-82-7)	<p>Annex 2.3 (Solvents)</p> <p>Contact adhesives with a mass content of 0.1% or more of cyclohexane which are intended for use by the general public may only be packaged in receptacles with a maximum capacity of 350 grams</p>	
<p>Dangerous liquid substances and preparations*, lamp oils and grill lighter fluids</p> <p>* Liquids that meet the criteria of Regulation (EC) No. 1272/2008 for one of the following risk categories:</p> <ul style="list-style-type: none"> - Hazard classes 2.1 - 2.4, 2.6, 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 - F - Hazard classes 3.1 - 3.6, 3.7 owing to adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 	<p>Annex 1.11 (Dangerous liquid substances)</p> <p>It is prohibited to place on the market dangerous liquid substances and preparations in:</p> <ul style="list-style-type: none"> • Ornamental objects, intended to produce light or colour effects by means of different phases • Tricks and jokes • Other games and objects which, in addition to their primary use as a game, may also have an ornamental aspect <p>No colouring agents, unless required for tax reasons, or perfumes are to be added to dangerous liquid substances and preparations:</p>	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<ul style="list-style-type: none"> - Hazard class 4.1 - Hazard class 5.1 	<ul style="list-style-type: none"> • Which present an aspiration hazard and are labelled with the risk phrase R 65 or with H304 • Which can be used as fuel in decorative lamps (lamp oil), and • Which are intended for supply to the general public <p>Packaging requirements</p> <ul style="list-style-type: none"> • Lamp oils and grill lighter fluids labelled with the risk phrase R 65 or H304 and intended for supply to the general public must be packaged in black opaque containers not exceeding 1 litre. • Decorative oil lamps for supply to the general public must comply with the requirements of European Standard EN 14059 (Decorative oil lamps – Safety requirements and test methods) 	
Decabromodiphenyl ether (decaBDE)	<p>Annex 1.9 (Flame retardants)</p> <ul style="list-style-type: none"> • With effect from 1 December 2019 the production and placing on the market of decaBDE and substances and preparations containing decaBDE is prohibited. • With effect from 1 December 2019 new articles may not be placed on the market if they or parts thereof contain decaBDE. Electrical and electronic equipment may contain 0.1% polybrominated diphenyl ethers as sum of all congeners 	<p>The prohibitions do not apply to the placing on the market of the following articles containing decaBDE:</p> <ul style="list-style-type: none"> • Aircraft manufactured before 2 March 2027, for which type approval has been received before 1 December 2022 • Motor vehicles manufactured before 1 December 2019 • Components for the manufacture of aircraft which may be placed on the market and components for the repair and maintenance of such aircraft • Components for the repair and maintenance of motor vehicles, where those components are intended for following applications: <ul style="list-style-type: none"> - Powertrain and under-hood applications - Fuel system applications

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
		<ul style="list-style-type: none"> - Pyrotechnical devices and applications affected by pyrotechnical devices - Suspension applications - Reinforced plastics and textiles - Under the dashboard applications - Electric and electronic equipment - Interior applications <p>The prohibitions do also not apply to the production and placing on the market of decaBDE and substances and preparations containing decaBDE for the following uses:</p> <ul style="list-style-type: none"> • Analysis and research purposes • manufacture of components which may be placed on the market for the manufacture or repair and maintenance of aircraft and motor vehicles
Decamethylcyclopentasiloxane (D5, CAS no. 541-02-6)	See "Cyclic siloxanes"	
<p>De-icing products:</p> <ul style="list-style-type: none"> - sodium chloride, calcium chloride or magnesium chloride - urea - biodegradable lower alcohols - sodium formate or potassium formate - sodium acetate or potassium acetate - molasses containing carbohydrates from sugar production and equivalent products from other processes 	<p>Annex 2.7 (De-icing products)</p> <p>De-icing products may not be supplied if they contain other thawing substances</p>	
Deodorisers	See "1,4-dichlorobenzene"	
Detergents	See "Surfactants"	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Di- μ -oxo-di-n-butyl-stannylhydroxoboran (DBB, CAS no. 75113-37-0)	Annex 1.14 (Organostannic compounds) Placing on the market of DBB, and of substances and preparations containing 0.1% or more of DBB, is prohibited	Use for analysis and research purposes
Dichlorodiphenyldichloroethane (DDD) Dichlorodiphenyldichloroethylene (DDE)	Annex 1.2 (Halogenated organic compounds) It is prohibited to manufacture these substances, and substances and preparations containing them, and/or to place them on the market	Use for analysis and research purposes
Dichlorodiphenyltrichloroethane (DDT)	Annex 1.1 (Persistent organic pollutants) It is prohibited to manufacture and/or place DDT, and substances and preparations containing DDT, on the market. New articles may not be placed on the market if they or parts thereof contain DDT	Use for analysis and research purposes
Dichloromethane (methylene chloride)	Annexes 2.1 and 2.2 (Laundry detergents, cleaning, deodorising and cosmetic products) Prohibited in laundry detergents and cleaning products which are released into waste water	
Dichloromethane (methylene chloride)	Annex 2.3 (Solvents) It is prohibited to place paint strippers on the market if they contain 0.1% or more of dichloromethane: <ul style="list-style-type: none"> • If the products are intended for use by the general public • If the products are intended for professional or commercial use outside an industrial plant 	
Dicofol (CAS no. 115-32-2)	Annex 1.2 (Halogenated organic compounds) It is prohibited to manufacture dicofol, and substances and preparations containing dicofol, and/or to place it/them on the market	Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Dieldrin (CAS no. 60-57-1)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture and/or place dieldrin, and substances and preparations containing dieldrin, on the market. New articles may not be placed on the market if they or parts thereof contain dieldrin</p>	Use for analysis and research purposes
Diglyme	See "Glycol ether"	
Dimethylfumarate (DMFu, CAS no. 624-49-7)	<p>Annex 2.4 (Biocides)</p> <p>Products may not be manufactured or placed on the market if they or their components contain more than 0.1 mg DMFu/kg</p>	
<p>Di-substituted organostannic compounds</p> <p>- Dibutyltin organostannic compounds (DBT)</p> <p>- Dioctyltin organostannic compounds (DOT)</p>	<p>Annex 1.14 (Organostannic compounds)</p> <p>It is prohibited to place the following items on the market:</p> <ul style="list-style-type: none"> • Preparations and articles that contain more than 0.1% of DBT and which are intended for supply to the general public • Preparations and articles that contain more than 0.1% of DOT and which are intended for supply to the general public for the following applications: <ul style="list-style-type: none"> - Dual component room temperature vulcanising moulding sets (RTV-2 moulding sets) - Wall and floor coverings 	<ul style="list-style-type: none"> • The Foodstuffs and Utility Articles Ordinance (SR 817.02) applies to textiles, leather products and other items intended for human contact that contain DOT, and to items containing DBT that are intended for use in connection with the manufacture, application or packaging of foodstuffs with which they come into contact • Products containing DBT first placed on the market before 1 June 2013 • RTV-2 moulding sets and wall and floor coverings containing DOT that have been initially brought onto the market prior to 1 June 2013
<p>Electrical and electronic equipment (EEE)</p> <p>- Large household appliances</p> <p>- Small household appliances</p> <p>- IT and telecommunication equipment</p> <p>- Consumer equipment</p> <p>- Lighting equipment (fixtures and lamps)</p> <p>- Electrical and electronic tools</p> <p>- Toys, leisure and sports equipment</p>	<p>Annex 2.18 (Electrical and electronic equipment)</p> <p>It is prohibited to place new electrical and electronic equipment, cables and spare parts for such equipment on the market if the content by mass per homogeneous material of the following substances exceeds the limit values listed below:</p> <ul style="list-style-type: none"> • Heavy Metals <ul style="list-style-type: none"> - Lead (Pb) 0.1% - Mercury (Hg) 0.1% 	<ul style="list-style-type: none"> • EEE that have been made available on the market in Switzerland or a Member State of the EU or EFTA for the first time before 1 July 2006 • Equipment that serve to safeguard the essential security interests of Switzerland, including weapons, munitions and war material intended for military purposes • Equipment, industrial tools, installations, means of

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<ul style="list-style-type: none"> - Medical devices - Monitoring and control instruments, including instruments intended for industrial use - Automatic dispensers - Other electrical and electronic equipment that cannot be allocated to the above categories 	<ul style="list-style-type: none"> - Hexavalent Chromium (CrVI) 0.1% - Cadmium (Cd) 0.01% • Flame retardants <ul style="list-style-type: none"> - Polybrominated biphenyls 0.1% - Polybrominated diphenyl ethers 0.1% • Plasticisers: <ul style="list-style-type: none"> - Bis(2-ethylhexyl) phthalate (DEHP) 0.1% - Benzyl butyl phthalate (BBP) 0.1% - Dibutyl phthalate (DBP) 0.1% - Di-isobutyl phthalate (DIBP) 0.1% 	<p>transport, machines and photovoltaics modules specified in Article 2, paragraphs 4b to 4j of Directive 2011/65/EU (RoHS 2)</p> <ul style="list-style-type: none"> • Medical devices, monitoring and control instruments containing the regulated heavy metals and flame retardants if they have been made available on the market in Switzerland or a Member State of the EU or EFTA for the first time before 22 July 2014 • In-vitro diagnostic medical devices containing the regulated heavy metals and flame retardants if they have been made available on the market in Switzerland or a Member State of the EU or EFTA for the first time before 22 July 2016 • Industrial monitoring and control instruments containing the regulated heavy metals and flame retardants if they have been made available on the market in Switzerland or a Member State of the EU or EFTA for the first time before 22 July 2017 • EEE containing the regulated heavy metals and flame retardants that was outside the scope of Directive 2002/95/EC (RoHS 1), but which would not comply with RoHS 2, if that EEE have been made available on the market in Switzerland or a Member State of the EU or EFTA for the first time before 22 July 2019 • Medical devices, In-vitro diagnostic medical devices, monitoring and control instruments containing the regulated plasticisers if they have been made available on the market in Switzerland or a Member State of the EU or EFTA for the first time before 22 July 2021 • Other EEE containing the regulated plasticisers if that EEE have been made available on the market in Switzerland or a Member State of the EU or EFTA for the first time before 22 July 2019 • Equipment, cables and spare parts that contain the sub-
	<p>For batteries, the provisions of Annex 2.15 are applicable (see “Cadmium” and “Mercury”)</p>	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
		stances listed in Annexes III and IV, RoHS 2 in the applications cited therein <ul style="list-style-type: none"> • Cables and spare parts for equipment that still contain regulated substances in their materials or components
Electrical and electronic equipment with substances that deplete the ozone layer or that are stable in the atmosphere	See "Refrigerants"	
Endosulfan (CAS no. 115-29-7) and its isomers (CAS no. 959-98-8 and CAS no. 33213-65-9)	Annex 1.1 (Persistent organic pollutants) It is prohibited to manufacture and/or place endosulfan, and substances and preparations containing endosulfan, on the market. New articles may not be placed on the market if they or parts thereof contain endosulfan	Use for analysis and research purposes
Endrin (CAS no. 72-20-8)	Annex 1.1 (Persistent organic pollutants) The manufacture of endrin, and substances and preparations containing endrin, and/or placing it/them on the market is prohibited. New articles may not be placed on the market if they or parts thereof contain endrin	Use for analysis and research purposes
Ethylenediaminetetraacetic acid (EDTA, CAS no. 60-00-4) and its salts or compounds derived from EDTA	Annexes 2.1 and 2.2 (Laundry detergents, cleaning, deodorising and cosmetic products) <ul style="list-style-type: none"> • Permissible content in laundry detergents: 0.5% • Permissible content in cleaning products: 1% 	
Extender oils	Annex 2.9 (Plastics, their monomers and additives) It is prohibited to place on the market extender oils for the manufacture of tyres or parts of tyres if these oils contain more than 1 mg/kg of benzo[a]pyrene or more than 10 mg/kg of the sum of the following polycyclic aromatic hydrocarbons: - Benzo[a]pyrene (CAS no. 50-32-8)	Tyres and treads for retreading manufactured before 1 January 2010

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	<ul style="list-style-type: none"> - Benzo[e]pyrene (CAS no. 192-97-2) - Benzo[a]anthracene (CAS no. 56-55-3) - Chrysene (CAS no. 218-01-9) - Benzo[b]fluoranthene (CAS no. 205-99-2) - Benzo[j]fluoranthene (CAS no. 205-82-3) - Benzo[k]fluoranthene (CAS no. 207-08-9) - Dibenzo[a,h]anthracene (CAS no. 53-70-3) 	
Extinguishing agents	See "Ozone depleting substances", "Substances stable in atmosphere", "Perfluorooctane sulfonates (PFOS)" and "Perfluorooctanoic acid (PFOA), its salts and any PFOA-related substance"	
FCs: fluorocarbons	See "Substances stable in atmosphere"	
Fertilisers	<p>Annex 2.6 (Fertilisers)</p> <ul style="list-style-type: none"> • Sewage sludge may not be supplied as a fertiliser • Organic fertilisers, organic mineral fertilisers, recycling fertilisers (with the exception of mineral recycling fertilisers) and farm manure may only be supplied if the limit values for Pb, Cd, Cu, Ni, Hg and Zn are complied with. For compost and digestate guide values are applicable for assessing the content of polycyclic aromatic hydrocarbons (PAHs), polychlorinated dibenzodioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) • Mineral fertilisers and fertilisers prepared from animal by-products may only be supplied if the limit levels for Cd, Cr and V are complied with • Mineral recycling fertilisers with recovered phosphorus may only be supplied if the limit levels for Pb, Cd, Cu, Ni, Hg, Zn, As, Cr, PCDDs, PCDFs, PAHs, and polychlorinated biphenyls (PCBs) are complied with • In addition, requirements for inert contaminants (glass, metal, plastics, etc.) apply to compost and digestate 	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Fluorinated greenhouse gases	See "Substances stable in atmosphere"	
Fluoroalkyl silanols and derivatives	Annex 1.16 (Per- and polyfluoroalkyl substances)	
Fluoroalkyl silanols and derivatives means: - (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) silanetriol - Any of its mono-, di- or tri-O-(alkyl) derivatives (TDFAs)	It is prohibited to supply to the general public fluoroalkyl silanols in a concentration equal to or greater than 2 ppb by weight of the mixtures containing organic solvents, in spray products «Spray products» means aerosol dispensers, pump or trigger sprays	
Foams	See "Substances stable in atmosphere" and "Ozone depleting substances"	
Glycol ethers - Di(2-methoxyethyl)ether (Diglyme, DEGDME, CAS no: 111-96-6)	Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation) With effect from 1 November 2021 it is prohibited to place Diglyme, and preparations containing Diglyme, on the market	See "Substances in accordance with Annex XIV, REACH Regulation"
Glycol ethers - 2-(2-Methoxyethoxy)ethanol (DEGME, CAS no. 111-77-3) - 2-(2-Butoxyethoxy)ethanol (DEGBE, CAS no. 112-34-5)	Annex 2.3 (Solvents) <ul style="list-style-type: none"> • It is prohibited to place preparations on the market that contain 0.1% or more of DEGME and are intended for supply to the general public in the following products: <ul style="list-style-type: none"> - Paints and varnishes - Paint strippers - Cleaning agents - Self-polishing emulsions - Floor sealing agents • It is prohibited to place spray paints and spray cleaners in aerosol dispensers on the market if they contain 3% or more of DEGBE and are intended for supply to the general public 	
Halogenated biphenyls with the formula $C_{12}H_nX_{10-n}$; X = halogen and $0 \leq n \leq 9$ Halogenated naphthalenes with the formula	Annex 1.2 (Halogenated organic compounds) It is prohibited to manufacture these substances, and substances and preparations containing these substances, and/or to place them	<ul style="list-style-type: none"> • Use for analysis and research purposes • Lubricating oils and greases manufactured from waste

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<p>$C_{10}H_nX_{8-n}$; X = halogen and $0 \leq n \leq 7$</p> <p>Halogenated terphenyls with the formula $C_{18}H_nX_{14-n}$; X = halogen and $0 \leq n \leq 13$</p>	<p>on the market; in addition, the provisions concerning electrical and electronic appliances and capacitors and transformers (see the relevant section) must be complied with</p> <p>Annex 1.1 applies to polychlorinated biphenyls, polychlorinated naphthalenes and hexabromobiphenyl</p>	<p>oils with no more than 1 ppm of halogenated biphenyls</p> <ul style="list-style-type: none"> • Monohalogenated and dihalogenated biphenyls, terphenyls and naphthalenes, as well as preparations containing such compounds, if they are used exclusively as intermediate products
Halogenated diarylalkanes	See "Monomethyl-dibromo-diphenyl methane", "monomethyl-dichloro-diphenyl methane", "monomethyl-tetrachloro-diphenyl methane" and "Capacitors and transformers"	
Halons: fully halogenated, brominated fluorocarbons	See "Ozone depleting substances"	
HBFCs: partially halogenated hydrobromofluorocarbons	See "Ozone depleting substances"	
HCFCs: partially halogenated hydrochlorofluorocarbons	See "Ozone depleting substances"	
Heating fuel additives Heating fuels	<p>Annex 2.13 (Heating fuel additives)</p> <p>The addition of additives to heating fuels is subject to the requirements specified in Annex 5 of the Ordinance on Air Pollution Control (OAPC, SR 814.318.142.1)</p>	
Heptabrominated diphenyl ethers	See "Brominated diphenyl ethers"	
Heptachlor (CAS no. 76-44-8) Heptachlor epoxide (CAS no. 1024-57-3)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture these substances, and substances and preparations containing these substances, and/or to place them on the market. New articles may not be placed on the market if they or parts thereof contain these substances</p>	Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Hexabromobiphenyl (HBB, CAS no. 36355-01-8)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture and/or place HBB, and substances and preparations containing HBB, on the market. New articles may not be placed on the market if they or parts thereof contain HBB</p>	<ul style="list-style-type: none"> • Use for analysis and research purposes • Electrical and electronic equipment may contain 0.1% polybrominated biphenyls as sum of all congeners
Hexabromocyclododecane (HBCDD, CAS no. 25637-99-4) α -HBCDD (CAS no. 134237-50-6) β -HBCDD (CAS no. 134237-51-7) γ -HBCDD (CAS no. 134237-52-8)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture and/or place HBCDD, and substances and preparations containing HBCDD, on the market. New articles may not be placed on the market if they or parts thereof contain HBCDD</p>	Use for analysis and research purposes
Hexabromodiphenyl ethers	See "Brominated diphenyl ethers"	
Hexachlorobenzene (HCB, CAS no. 118-74-1)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture and/or place on the market HCB and substances and preparations containing HCB. New articles may not be placed on the market if they or parts thereof contain HCB</p>	Use for analysis and research purposes
Hexachlorocyclohexane (HCH), all isomers	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>The manufacture of HCH, and of substances and preparations containing HCH, and/or placing it/them on the market is prohibited. New articles may not be placed on the market if they or parts thereof contain HCH</p>	Use for analysis and research purposes
HFCs: Hydrofluorocarbons HFEs: Hydrofluoroethers	See "Substances stable in atmosphere"	
High-voltage installations	See "Substances stable in atmosphere"	
Isodrin (CAS no. 465-73-6) Kelevan (CAS no. 4234-79-1)	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture these substances, and substances and preparations containing these substances, and/or to place them on the market</p>	Use for analysis and research purposes
Lamp oils	See "Dangerous liquid substances and preparations"	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Lead (Pb) and lead compounds	<p>Annex 2.6 (Fertilisers)</p> <ul style="list-style-type: none"> Organic fertilisers, organic mineral fertilisers, recycling fertilisers (with the exception of mineral recycling fertilisers) and farm manure may only be supplied if the lead content does not exceed 120 g/t of dry matter; sewage sludge may not be supplied Mineral recycling fertilisers with recovered phosphorus may only be supplied if the lead content does not exceed 500 g per tonne of phosphorus (P) 	
Lead (Pb) and lead compounds	<p>Annex 2.8 (Paints and varnishes)</p> <p>It is prohibited for manufacturers to place on the market paints and varnishes containing 0.01% or more of Pb and articles treated with such paints and varnishes</p>	<ul style="list-style-type: none"> Subject to the provisions of the annex relating to substances in accordance with Annex XIV, REACH Regulation: Import of paints and varnishes for the treatment of articles which are then exported in their entirety Placing on the market of vehicles, electrical and electronic appliances, and components thereof, which have been treated with paints or varnishes, subject to the provisions of Directive 2000/53/EC (ELV) concerning vehicles and Directive 2011/65/EU (RoHS2) concerning electrical and electronic equipment, as specified in Annexes 2.16 and 2.18 Subject to the provisions of the annex relating to substances in accordance with Annex XIV, REACH Regulation: Placing on the market of paints and varnishes for the treatment of the above-mentioned articles Import of articles treated with paints and varnishes, which are simply processed or repackaged in Switzerland and then re-exported

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Lead (Pb) and lead compounds	<p>Annex 2.16 No. 3^{ter} (Lead and its compounds in articles for the general public)</p> <p>Placing on the market of a lead-containing article intended for sale to the general public is prohibited if the article has a lead content of 0.05% or more and the article or a part thereof can be put into the mouth by children under normal or reasonably foreseeable conditions of use</p> <p>For the placing on the market of packaging, articles treated with paints and varnishes, wood-based materials and electrical and electronic equipment that contain lead or compounds, Annex 2.16 Number 4 and Annexes 2.8, 2.17 and 2.18 apply.</p> <p>For the placing on the market of materials in contact with foods, toys, jewellery and candle wicks containing lead or lead compounds, intended for sale to the general public and which, or their accessible parts, can be put into the mouth by children under normal or reasonably foreseeable conditions of use, the Foodstuffs and Utility Articles Ordinance (SR 817.02) applies</p>	<ul style="list-style-type: none"> • The prohibitions do not apply to lead-containing articles if they have been placed on the market for the first time prior to 1 January 2019 • The prohibitions do not apply for: <ul style="list-style-type: none"> - Lead crystal - non-synthetic or reconstituted precious or semi-precious stones (customs tariff number 7103), insofar as they are not treated with lead or lead compounds - enamel - keys and locks, including padlocks - musical instruments - articles and components of articles containing brass alloys provided that the lead content in the brass does not exceed 0.5% - tips of writing instruments - devotional objects - zinc-carbon portable batteries and button cells • The prohibitions also do not apply to <ul style="list-style-type: none"> - uncoated lead-containing articles, if the release rate of lead from the article or accessible parts demonstrably does not exceed 005 µg/cm² per hour (corresponding to 0.05 µg/g/h) - coated lead-containing articles, provided that the release rate of lead from the article or accessible parts demonstrably does not exceed 005 µg/cm² per hour and the coating is sufficient to ensure that this rate is not exceeded for a period of at least two years of use of the article under normal or reasonably foreseeable conditions

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Lead (Pb) and lead compounds	<p>Annex 2.16 No. 4 (Heavy metals in packaging)</p> <p>Packaging and packaging components may not contain, in total, more than 100 mg/kg of Pb, Hg, Cr(VI) and Cd</p>	<ul style="list-style-type: none"> • Lead crystal • Other glass, provided that the limit is exceeded due to the recycled glass content • Caps on bottles containing wine from before 1996 • Plastic crates and plastic pallets, if they are manufactured using granules recovered from plastic crates and plastic pallets, and if there is no intentional introduction of heavy metals during recycling
Lead (Pb) and lead compounds	<p>Annex 2.16 No. 5 (Heavy metals in vehicles)</p> <p>See “Vehicles”</p>	
Lead (Pb) and lead compounds	<p>Annex 2.17 (Wood-based materials)</p> <p>Wood-based materials must not contain more than 90 ppm of Pb</p>	
Lead (Pb) and lead compounds	<p>Annex 2.18 (Electrical and electronic equipment)</p> <p>See “Electrical and electronic equipment”</p>	
<p>Lead compounds</p> <ul style="list-style-type: none"> - Lead chromate (CAS no. 7758-97-6) - Lead sulfochromate yellow (C.I. pigment yellow 34, CAS no. 1344-37-2) - Lead chromate molybdate sulfate red (C.I. pigment red 104, CAS no. 12656-85-8) 	<p>Annex 1.17 (Substances according to Annex XIV, REACH Regulation)</p> <p>Placing on the market of these substances and preparations containing them is prohibited</p>	<p>See “Substances in accordance with Annex XIV, REACH Regulation”. The provisions of Annex 2.8 on lead in paints and varnishes must be complied with</p>
Leather goods	<p>Annex 2.16 (Special provisions relating to metals)</p> <p>Placing leather goods on the market that contain chromium and which come into contact with the skin is prohibited. A Cr(VI) content of 0.0003% (3 mg/kg), based on the dry weight of the leather, is tolerated</p>	<p>The prohibition does not apply to placing leather goods containing chromium on the market if they have been supplied to end users for the first time prior to 1 September 2016</p>

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Other leather goods	See "Textiles and leather goods"	
Lindane (CAS no. 58-89-9)	See "Hexachlorocyclohexane"	
Liquid halogenated organic compounds such as methylene chloride, trichloroethylene, perchloroethylene	<p>Annexes 2.1 and 2.2 (Laundry detergents, cleaning, deodorising and cosmetic products)</p> <p>Prohibited in laundry detergents and cleaning products which are released into waste water</p>	
Mandatory fee	<p>Annex 2.15 (Batteries)</p> <p>Manufacturers of batteries, and of vehicles or electrical and electronic equipment containing batteries, must pay an advance disposal fee for the batteries placed on the market</p>	
MDA, technical MDA	See "4,4'-diaminodiphenyl methane"	
Measuring devices	See "Electrical and electronic equipment" and "Mercury"	
Mercury (Hg, CAS-Nr. 7439-97-6)	<p>Annex 1.7 (Mercury)</p> <ul style="list-style-type: none"> • The import of mercury with a mercury content of 95% and more or a mercury alloy without a licence from the Federal Office for the Environment is prohibited • Placing clinical thermometers and other measurement instruments on the market that contain elementary mercury and are intended for use by the general public is prohibited • Placing the following measurement instruments on the market that contain elementary mercury and are intended for professional or commercial use, is prohibited: <ul style="list-style-type: none"> - Barometers - Manometers - Sphygmomanometers - Strain gauges for use in plethysmographs - Thermometers and other non-electrical thermometric applications 	<ul style="list-style-type: none"> • Imports of mercury with a mercury content of 95% or more from a country that is a signatory to the Minamata Convention and imports of a mercury alloy provided that mercury or the mercury alloy are intended for the following uses: <ul style="list-style-type: none"> - Analysis and research purposes - Manufacturing of mercury containing chemicals for analysis and research purposes • The following measurement instruments intended for professional or commercial use: <ul style="list-style-type: none"> - Sphygmomanometers for use as a reference standard for the validation of mercury-free appliances - Sphygmomanometers intended for use within the scope of epidemiological studies that had not been completed as of 1 September 2015

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	<ul style="list-style-type: none"> - Hygrometers - Tensiometers - Pyknometers - Instruments for the determination of the softening point • Placing switches and relays on the market that contain elementary mercury • Placing preparations and articles on the market that contain elementary mercury and are intended for a use unknown before 1 January 2018, is prohibited. • The export of mercury with a mercury content of 95% and more without a licence from the Federal Office for the Environment is prohibited. A licence can be granted for the export for use of mercury for analysis and research purposes. • The export of measuring instruments is prohibited unless placing them on the market is permitted 	<ul style="list-style-type: none"> - Thermometers intended to be used exclusively for measurements based on standards that call for the use of mercury thermometers - Triple point cells that are used for the calibration of platinum resistance thermometers - Appliances that were older than 50 years as of 1 September 2015 and are regarded as antiques or cultural objects - Appliances for public exhibitions for cultural and historical purposes • Switches and relays that: <ul style="list-style-type: none"> - are intended as components or spare parts for equipment which is necessary for the protection of the essential interests of the security of Switzerland - are intended as components or spare parts for equipment which, in accordance with the provisions of Directive 2011/65/EU (RoHS2), may contain mercury-containing switches and relays - are intended as spare parts for equipment which is exempted from the provisions of Directive 2011/65/EU • Preparations and articles intended for «new uses» in the following sectors: <ul style="list-style-type: none"> - Products that are necessary for the protection of the essential interests of the security of Switzerland, including arms, munitions and war material specifically intended for military purposes - Products for use in outer space • Export licences may furthermore be granted until the end of 2027 for the export of mercury intended for the manufacture of dental amalgam capsules

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Mercury compounds* * in addition further restrictions are laid down which apply only for phenylmercury compounds (see "Phenylmercury compounds")	Annex 1.7 (Mercury) <ul style="list-style-type: none"> • Import of mercury compounds without a licence from the Federal Office for the Environment is prohibited • Placing on the market of mercury compounds intended for the manufacturing of polyurethanes is prohibited • Placing on the market of the following products containing mercury compounds is prohibited: <ul style="list-style-type: none"> - Articles consisting of or containing polyurethanes (PUR) if the mercury content in the PUR is 0.01% or more - Plant protection products and biocides (pesticides) - Paints and varnishes - Cosmetic products - Topical antiseptics • Placing preparations and articles on the market that contain mercury compounds and are intended for a use unknown before 1 January 2018, is prohibited. 	<ul style="list-style-type: none"> • Mercury compounds may be imported without a licence provided that they are intended for the following uses: <ul style="list-style-type: none"> - Analysis and research purposes - Manufacturing of mercury containing chemicals for analysis and research purposes • Pesticides for analysis and research purposes and subject to the provisions of the Foodstuffs and Utility Articles Ordinance (SR 817.02) cosmetics that contain mercury compounds as preservatives in ophthalmic products • Preparations and articles intended for «new uses» in the following sectors: <ul style="list-style-type: none"> - Products that are necessary for the protection of the essential interests of the security of Switzerland, including arms, munitions and war material specifically intended for military purposes - Products for use in outer space
Mercury (Hg) and mercury compounds	Annex 2.6 (Fertilisers) <ul style="list-style-type: none"> • Organic fertilisers, organic mineral fertilisers, recycling fertilisers (with the exception of mineral recycling fertilisers) and farmyard manure may only be supplied if the mercury content does not exceed 1 g/t of dry matter; sewage sludge may not be supplied • Mineral recycling fertilisers with recovered phosphorus may only be supplied if the mercury content does not exceed 2 g per tonne of phosphorus (P) 	
Mercury (Hg), mercury compounds and preparations containing mercury (amalgam)	Annex 2.15 (Batteries) Batteries, including those installed in electrical and electronic appliances, may not be placed on the market if they contain more than 5 mg of mercury	Button cells with a maximum content of 20 g per kg that are installed in appliances that have been initially placed on the market prior to 1 June 2016

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Mercury (Hg) and mercury compounds	<p>Annex 2.16 No. 4 (Heavy metals in packaging)</p> <p>Packaging and packaging components may not contain, in total, more than 100 mg/kg of Hg, Cr(VI), Pb and Cd</p>	
Mercury (Hg) and mercury compounds	<p>Annex 2.16 No. 5 (Heavy metals in vehicles)</p> <p>See "Vehicles"</p>	
Mercury (Hg) and mercury compounds	<p>Annex 2.17 (Wood-based materials)</p> <p>Wood-based materials may not contain more than 25 ppm of Hg</p>	
Mercury (Hg) and mercury compounds	<p>Annex 2.18 (Electrical and electronic equipment)</p> <p>See "Electrical and electronic equipment"</p>	
Methanol (CAS no. 67-56-1)	<p>Annex 2.3 (Solvents)</p> <p>It is prohibited to place on the market windscreen washing or de-frosting fluids with a methanol content of 0.6% or more which are intended for supply to the general public</p>	
Methoxychlor (CAS no. 72-43-5)	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture methoxychlor, and substances and preparations containing methoxychlor, and/or to place it/them on the market</p>	Use for analysis and research purposes
Micro- and macroplastics	See "Contaminants in fertilisers"	
Mirex (CAS no. 2385-85-5)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>The manufacture of mirex, and of substances and preparations containing mirex, and/or placing it/them on the market is prohibited. New articles may not be placed on the market if they or parts thereof contain mirex</p>	Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Methylene diphenyl diisocyanate (MDI)	<p>Annex 2.9 (Plastics, their monomers and additives)</p> <p>The packaging of a preparation with 0.1% or more of MDI that is intended for supply to the general public must include protective gloves</p>	
MOCA	See "2,2'-Dichloro-4,4'-methylenedianiline"	
<p>Monomethyl-dibromo-diphenyl methane (CAS no. 99688-47-8)</p> <p>Monomethyl-dichloro-diphenyl methane</p> <p>Monomethyl-tetrachloro-diphenyl methane (CAS no. 76253-60-6)</p>	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture these substances, and substances and preparations containing these substances, and/or to place them on the market. New articles may not be placed on the market if they or parts thereof contain these substances</p>	Use for analysis and research purposes
Musk xylene	See "5-tert-Butyl-2,4,6-trinitro-m-xylene"	
Mutagenic substances	See "CMR substances"	
Nitrogen trifluoride (CAS no. 7783-54-2)	See "Substances stable in atmosphere"	
<p>Nonylphenol (NP) (C₁₅H₂₄O) and its ethoxylates (NPEs)</p>	<p>Annex 1.8 (Octylphenol, nonylphenol and their ethoxylates)</p> <p>It is prohibited to place the following product types on the market if they contain 0.1% or more of NP or NPEs:</p> <ul style="list-style-type: none"> - Laundry detergents - Cleaning products which are released into waste water - Cosmetic products - Textile processing agents - Leather processing agents - Metalworking agents - Auxiliaries for the manufacture of pulp and paper - Agricultural teat dips containing these substances as emulsifiers - Biocide products and plant protection products containing these substances as co-formulants 	<ul style="list-style-type: none"> • Spermicides • Textile and leather processing agents: <ul style="list-style-type: none"> - If processing does not result in release of the substances into waste water - If, in installations for special treatment, such as sheep-skin degreasing, process water is pretreated to remove the organic fraction completely prior to biological waste water treatment • Metalworking agents for use in closed systems where the washing liquid is recycled or incinerated • NPEs contained as co-formulants in biocide products or plant protection products with marketing authorisation granted before 1 August 2005 may continue to be placed on the market until the expiry of this authorisation

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	It is prohibited to place on the market washable textile fibres and semi-finished and finished textile products such as fibres, yarns, fabrics, knitted fabrics, home textiles, accessories or clothing if the content of NPEs relative to the textile component is 0.01% or more	<ul style="list-style-type: none"> • Textile fibres and semi-finished and finished textile products if exceedance of the limit of 0.01% is due to the recycling of textiles and NPEs are not added during the manufacturing process • Textile fibres or semi-finished and finished textile products containing NPEs which were first placed on the market before 1 June 2022
Nonylphenol ethoxylates (NPEs) 4-Nonylphenol, branched und linear, ethoxylated (substances with a linear and/or branched alkyl chain with a carbon number of 9, in which position 4 is covalently bonded to phenol, ethoxylated, including UVCB substances and clearly defined substances, polymers and homologous substances comprising the individual isomers and/or combinations thereof)	<p>Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation)</p> <p>With effect from 2 May 2024 it is prohibited to place NPEs, and preparations containing NPEs, on the market</p>	See "Substances in accordance with Annex XIV, REACH Regulation"
Octabromodiphenyl ether (octaBDE) with molecular formula: C ₁₂ H ₂ Br ₈ O	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture and/or place on the market octaBDE, and substances and preparations containing octaBDE. New articles may not be placed on the market if they or parts thereof contain more than 0.1% of octaBDE</p>	<ul style="list-style-type: none"> • Use for analysis and research purposes • Electrical and electronic equipment may contain 0.1% polybrominated diphenyl ethers as sum of all congeners
Octamethylcyclotetrasiloxane (D4, CAS no. 556-67-2)	See "Cyclic siloxanes"	
Octylphenol (OP) (C ₁₄ H ₂₂ O) and its ethoxylates (OPEs)	<p>Annex 1.8 (Octylphenol, nonylphenol and their ethoxylates)</p> <p>It is prohibited to place the following product types on the market if they contain 0.1% or more of OP or OPEs:</p> <ul style="list-style-type: none"> - Laundry detergents - Cleaning products which are released into waste water - Cosmetic products 	<ul style="list-style-type: none"> • Spermicides • Textile and leather processing agents: <ul style="list-style-type: none"> - If processing does not result in release of the substances into waste water

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	<ul style="list-style-type: none"> - Textile processing agents - Leather processing agents - Metalworking agents - Auxiliaries for the manufacture of pulp and paper - Agricultural teat dips containing these substances as emulsifiers - Biocidal products and plant protection products containing these substances as co-formulants 	<ul style="list-style-type: none"> - If, in installations for special treatment, such as sheepskin degreasing, process water is pretreated to remove the organic fraction completely prior to biological waste water treatment • Metalworking agents for use in controlled closed systems where the washing liquid is recycled or incinerated • OPEs contained as co-formulants in biocidal products or plant protection products with marketing authorisation granted before 1 August 2005 may continue to be placed on the market until the expiry of this authorisation
<p>Octylphenol ethoxylates (OPEs) 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (includes clearly defined substances and UVCB substances, polymers and homologous substances)</p>	<p>Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation)</p> <p>With effect from 2 May 2024 it is prohibited to place OPEs, and preparations containing OPEs, on the market</p>	<p>See “Substances in accordance with Annex XIV, REACH Regulation”</p>
<p>Oil lamps, decorative</p>	<p>See “Dangerous liquid substances and preparations”</p>	
<p>Organostannic compounds</p>	<p>See “Di-substituted organostannic compounds”, “Tri-substituted organostannic compounds” and “Di-μ-oxo-di-n-butyl-stannyhydroxoboran”</p>	
<p>Ozone depleting substances All fully halogenated chlorofluorocarbons with up to 3 carbon atoms (CFCs), e.g.:</p> <ul style="list-style-type: none"> - Trichlorofluoromethane (CFC 11) - Dichlorodifluoromethane (CFC 12) - Tetrachlorodifluoroethane (CFC 112) - Trichlorotrifluoroethane (CFC 113) - Dichlorotetrafluoroethane (CFC 114) - Chloropentafluoroethane (CFC 115) 	<p>Annex 1.4 (Substances that deplete the ozone layer)</p> <p>It is prohibited:</p> <ul style="list-style-type: none"> • To manufacture substances that deplete the ozone layer • To place on the market preparations and/or articles containing these substances • To export articles, the use of which requires CFCs, halons, HBFCs, trichloroethane, carbon tetrachloride or bromochloromethane 	<ul style="list-style-type: none"> • Manufacture of regenerated substances • Placing on the market of preparations and articles containing substances that deplete the ozone layer, which may be placed on the market in accordance with the provisions of Annexes 2.10 and 2.11 • Export of these substances, subject to authorisation, to countries which comply with the provisions of the Montreal Protocol

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<p>All fully halogenated bromofluorocarbons with up to 3 carbon atoms (halons), e.g.:</p> <ul style="list-style-type: none"> - Bromochlorodifluoromethane (Halon 1211) - Bromotrifluoromethane (Halon 1301) - Dibromotetrafluoroethane (Halon 2402) 	<p>Annex 2.3 (Solvents)</p> <p>It is prohibited to manufacture, place on the market and/or import for private use substances that deplete the ozone layer for purposes of cleaning, dissolution, emulsification or suspension as well as preparations and articles that contain these substances for the cited purposes</p>	
<p>All partially halogenated hydrochlorofluorocarbons with up to 3 carbon atoms (HCFCs), e.g.:</p>	<p>Annex 2.9 (Plastics, their monomers and additives)</p> <p>It is prohibited to manufacture and/or import foams manufactured with substances that deplete the ozone layer and articles containing such foams</p>	
<ul style="list-style-type: none"> - Chlorodifluoromethane (HCFC 22) - Dichlorotrifluoroethane (HCFC 123) - Dichlorofluoroethane (HCFC 141) - Chlorodifluoroethane (HCFC 142) - 1-Chloro-3,3,3-trifluoropropene (HCFO 1233zd) - 1-Chloro-2,3,3,3-Tetrafluoropropene (HCFO 1224yd) 	<p>Annex 2.10 (Refrigerants)</p> <p>See "Refrigerants"</p>	
<p>All partially halogenated hydrobromofluorocarbons with up to 3 carbon atoms (HBFCs)</p> <p>1,1,1-trichloroethane (CAS no. 71-55-6)</p> <p>Carbon tetrachloride (CAS no. 56-23-5)</p> <p>Bromomethane (CAS no. 74-83-9)</p> <p>Bromochloromethane (CAS no. 74-97-5)</p>	<p>Annex 2.11 (Extinguishing agents)</p> <ul style="list-style-type: none"> • It is prohibited to place on the market, import on a private basis and/or export extinguishing agents which deplete the ozone layer, and appliances and systems containing such extinguishing agents • It is prohibited to export ozone-depleting extinguishing agents, waste from ozone-depleting extinguishing agents, as well as appliances and systems that require ozone depleting substances for their use 	<ul style="list-style-type: none"> • Supply for purposes of recycling • Re-import of extinguishing agents demonstrably exported for recycling • Import of portable extinguishers for use in one's own vehicle • Placing on the market of extinguishing agents used to ensure the safety of persons in aircraft, special-purpose army vehicles and nuclear installations • Extinguishing agents containing ozone depleting substances, and articles and systems that require ozone depleting substances for their use, may only be exported if an export licence has been issued, and only for use in aircraft, special-purpose army equipment and nuclear installations, if the safety of persons cannot be assured without the use of extinguishing agents containing ozone depleting substances
	<p>Annex 2.12 (Aerosol dispensers)</p> <p>It is prohibited to manufacture and/or place on the market aerosol</p>	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	dispensers which contain ozone depleting substances	
Packaging and packaging components	<p>Annex 2.16 No. 4 (Heavy metals in packaging)</p> <p>Packaging and packaging components may not contain, in total, more than 100 mg/kg of Pb, Hg, Cr(VI) and Cd</p>	<ul style="list-style-type: none"> • Lead crystal • Other glass, provided that the limit is exceeded due to the recycled glass content • Caps on bottles containing wine from before 1996 • Plastic crates and plastic pallets, if they are manufactured using granules recovered from plastic crates and plastic pallets, and if there is no intentional introduction of heavy metals during recycling • On receipt of a justified request, further exemptions may be granted
Paint strippers	See "Dichloromethane"	
Pentabromodiphenyl ether (pentaBDE)	See "Brominated diphenyl ether"	
Pentachlorobenzene (CAS no. 608-93-5)	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture and/or place on the market this substance and substances and preparations containing this substance. New articles may not be placed on the market if they or parts thereof contain pentachlorobenzene</p>	Use for analysis and research purposes
Pentachloroethane (CAS no. 76-01-7)	<p>Annex 1.3 (Chlorinated aliphatic hydrocarbons)</p> <p>It is prohibited to place this substance on the market, and substances and preparations containing 0.1% or more of pentachloroethane</p>	<ul style="list-style-type: none"> • Medicaments • Cosmetic products, provided that they are allowed to contain this substance under the provisions of the Foodstuffs and Utility Articles Ordinance (SR 817.02) • Supply for use in closed systems in industrial processes • Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Pentachlorophenol (PCP, CAS no.87-86-5) and its salts, and pentachlorophenoxy compounds	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture these substances, and substances and preparations containing these substances, and/or to place them on the market</p>	Use for analysis and research purposes
Pentachlorophenol (PCP, CAS no.87-86-5)	<p>Annex 2.17 (Wood-based materials)</p> <p>Wood-based materials may not contain more than 5 ppm of PCP</p>	
Pentachlorophenol (PCP, CAS no.87-86-5)	See "Wood" and "Textiles and leather goods"	
<p>Perborates</p> <ul style="list-style-type: none"> - Sodium perborate - Sodium peroxometaborate (CAS no: 7632-04-4) 	<p>Annex 1.17 (Substances according to Annex XIV, REACH Regulation)</p> <p>With effect from 2 February 2024 it is prohibited to place these perborates, and preparations containing these perborates, on the market</p>	See "Substances in accordance with Annex XIV, REACH Regulation"
<p>Perfluorooctane sulfonates (PFOS)*</p> <p>* Within the meaning of the regulations, PFOS are substances with the molecular formula C₈F₁₇SO₂X, which have one sulfonate group bonded to the perfluorinated carbon chain and which occur with various functional groups, e.g. as an acid (X = OH), metal salt (X = O·M⁺), sulfonyl halide (X = F) or amide (X = NR₂), or as other derivatives including polymers</p>	<p>Annex 1.16 (Per- and polyfluoroalkyl substances)</p> <p>It is prohibited to manufacture and/or place on the market PFOS and any substances and preparations containing more than 0.001% of PFOS</p> <p>New articles may not be placed on the market if the parts treated with PFOS contain more than 0.1% of PFOS; for textiles and other coated materials, the specified limit is 1 µg/m² of the coated material</p>	<p>Prohibitions do not apply to the following uses:</p> <ul style="list-style-type: none"> • Use for analysis and research purposes • Photoresists and anti-reflective coatings for photolithography processes • Photographic coatings applied to films, papers and printing plates • Mist suppressants for non-decorative hard chromium (VI) plating in closed circulation systems

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<p>Perfluorooctanoic acid (PFOA), its salts and any PFOA-related substance</p> <p>A PFOA-related substance (including its salts and polymers) means:</p> <ul style="list-style-type: none"> - any substance having a linear or branched perfluoroheptyl group with the formula C_7F_{15} directly attached to another carbon, as one of the structural elements - any substance having a linear or branched perfluorooctyl group with the formula C_8F_{17} as one of the structural elements <p>The following substances are excluded from this designation:</p> <ul style="list-style-type: none"> - $C_8F_{17}X$, where $X = F, Cl$ or Br - $C_8F_{17}C(O)OH$, $C_8F_{17}C(O)OX'$ or $C_8F_{17}CF_2X'$, where $X' =$ any group, including salts). 	<p>Annex 1.16 (Per- and polyfluoroalkyl substances)</p> <p>With effect from 1 June 2021 it is prohibited:</p> <ul style="list-style-type: none"> • To manufacture and/or place on the market PFOA, its salts and any PFOA-related substances • To manufacture and/or place on the market substances and preparations containing more than 25 ppb of PFOA including its salts or 1000 ppb of one or a combination of PFOA-related substances • To place on the market articles if they or parts thereof contain more than 25 ppb of PFOA including its salts or 1000 ppb of one or a combination of PFOA-related substances 	<ul style="list-style-type: none"> • Manufacture of a fluorochemical with a carbon chain equal to or shorter than 6 atoms, if: <ul style="list-style-type: none"> - PFOA, its salts or PFOA-related substances are merely contained as unavoidable by-products of the manufacture - The manufactured fluorochemical is exclusively used as an intermediate - Emissions of PFOA, its salts or PFOA-related substances are avoided by application of the best available techniques or, if not possible, kept at a minimum • Placing on the market of a fluorochemical with a carbon chain equal to or shorter than 6 atoms, which contains PFOA, its salts or PFOA-related substances as unavoidable by-products, if the fluorochemical is intended for the use as an intermediate • Placing on the market of a PFOA-related substance arising from a manufacturing process of a fluorochemical with a carbon chain equal to or shorter than 6 atoms for the purpose of transformation to a non-PFOA-related substance • Until 1 June 2024 manufacture of polytetrafluoroethylene (PTFE) treated with high-energy electromagnetic radiation of an absorbed dose of 25 to 400 kilogray to obtain particular molecular properties and containing PFOA, its salts or PFOA precursors as unavoidable by-products due to this treatment if the total content of by-products does not exceed 1000 ppb • Placing on the market of PTFE manufactured as described above for the purpose of elimination of the by-products

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
		<ul style="list-style-type: none"> • In addition the prohibitions do not apply to the following articles, or to substances or preparations needed to manufacture them: <ul style="list-style-type: none"> - Semiconductors manufactured using a photo-lithography process and compound semiconductors manufactured using an etching process, both on their own and as constituents of articles - Photographic coatings applied to films, papers or printing plates - Implantable medical devices - Analysis and research purposes • The prohibitions apply to the first placing on the market of the following articles, or to substances or preparations needed to manufacture them: <ul style="list-style-type: none"> - From 1 June 2023 to equipment used to manufacture semi-conductors and latex printing inks - From 1 June 2024 to textiles for the protection of workers from risks to their health and safety, membranes intended for use in medical textiles, filtration in water treatment, production processes and effluent treatment and to articles containing plasma nano-coatings - From 1 July 2032 to medical devices other than implantable medical devices - From 1 June 2021 to other articles
Perthane (CAS no. 72-56-0)	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture and/or place perthane on the market, and substances and preparations containing perthane</p>	Use for analysis and research purposes
PFCs: Perfluorocarbons	See "Substances stable in atmosphere"	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<ul style="list-style-type: none"> - Phenolic benzotriazoles - 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV-328) (CAS no: 25973-55-1) - 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) (CAS no: 3864-99-1) - 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) (CAS no: 36437-37-3) - 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) (CAS no: 3846-71-7) 	<p>Annex 1.17 (Substances according to Annex XIV, REACH Regulation)</p> <p>With effect from 2 August 2024 it is prohibited to place these phenolic benzotriazoles, and preparations containing these phenolic benzotriazoles, on the market</p>	<p>See “Substances in accordance with Annex XIV, REACH Regulation”</p>
<p>Phenylmercury compounds</p> <ul style="list-style-type: none"> - Phenylmercury acetate (CAS no. 62-38-4) - Phenylmercury propionate (CAS no. 103-27-5) - Phenylmercury 2-ethylhexanoate (CAS no. 13302-00-6) - Phenylmercury octanoate (CAS no. 13864-38-5) - Phenylmercury neodecanoate (CAS no. 26545-49-3) 	<p>Annex 1.7 (Mercury)</p> <p>It is prohibited to place phenylmercury compounds, and preparations and articles containing phenylmercury compounds, on the market (maximum: 100 mg Hg/kg)</p>	<ul style="list-style-type: none"> • Compounds, and preparations and articles containing these compounds, that have been initially placed on the market prior to 10 October 2017 • Use for analysis and research purposes

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Phosphates and phosphorus compounds in detergents	<p>Annex 2.1 (Laundry detergents)</p> <p>Ban on phosphates in laundry detergents; permissible phosphorus content (except phosphates), 0.5%</p> <p>Annex 2.2 (Cleaning, deodorising and cosmetic products)</p> <p>Restriction on phosphate content in dishwashing agents for household appliances; permissible phosphorus content, 0.3 grams in standard quantity*</p> <p>* Grams or millilitres or no. of tabs required for main wash programme for normally soiled dishes in a fully loaded dishwasher for the equivalent of 12 place settings; if the quantity depends on water hardness, the figures have to be supplemented with specified quantities for soft, medium and hard water</p>	
Phosphoric acid esters	See "Tris(2-chloroethyl) phosphate", "Tris(2,3-dibromopropyl) phosphate", and "Trixylyl phosphate"	
<p>Phthalic acid esters</p> <ul style="list-style-type: none"> - Bis(2-ethylhexyl) phthalate (DEHP, CAS no. 117-81-7) - Benzyl butyl phthalate (BBP, CAS no. 85-68-7) - Dibutyl phthalate (DBP, CAS no. 84-74-2) - Di-isobutyl phthalate (DIBP, CAS no. 84-69-5) 	<p>Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation)</p> <p>Placing these substances and preparations containing them on the market is prohibited</p>	See "Substances in accordance with Annex XIV, REACH Regulation"
<p>Phthalic acid esters</p> <ul style="list-style-type: none"> - Diisopentyl phthalate (CAS no: 605-50-5) - 1,2-Benzenedicarboxylic acid, Di-C6-8-branched alkyl esters, C7 rich (CAS no: 71888-89-6) 	<p>Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation)</p> <p>With effect from 2 November 2023 it is prohibited to place these phthalic acid esters, and preparations containing these phthalic acid esters, on the market</p>	See "Substances in accordance with Annex XIV, REACH Regulation"

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<ul style="list-style-type: none"> - 1,2-Benzenedicarboxylic acid, Di-C7-11-branched and linear alkyl esters (CAS no: 68515-42-4) - 1,2-Benzenedicarboxylic acid, Dipentylester, branched und linear (CAS no: 84777-06-0) - Bis(2-methoxyethyl) phthalate (CAS no: 117-82-8) - Dipentylphthalate (CAS no: 131-18-0) - n-Pentyl-isopentylphthalate (CAS no: 776297-69-9) - 1,2-Benzenedicarboxylic acid, Di-hexylester, branched und linear (CAS no: 68515-50-4) - Dihexylphthalate (CAS no: 84-75-3) - 1,2-Benzenedicarboxylic acid, Di-C6-10-alkyl esters; 1,2-Benzenedicarboxylic acid, mixed decyl-, hexyl- and octyl-diester with ≥ 0.3 % dihexylphthalate (CAS no: 68515-51-5; 68648-93-1) 	<p>Annex 1.18 (Phthalates)</p> <p>It is prohibited to place articles on the market if they contain, individually or in any combination, more than 0.1% of phthalates in the plasticised material of the article</p> <p>For the placing on the market of materials in contact with foods, toys and utility articles for infants and small children, the Foodstuffs and Utility Articles Ordinance (SR 817.02) applies</p>	<p>The prohibition does not apply to the following uses:</p> <ul style="list-style-type: none"> • Measuring devices for laboratory purposes and parts of such devices • Immediate packaging of medicinal products within the scope of Regulation (EC) No 726/2004, Directive 2001/82/EC and/or Directive 2001/83/EC • Medical devices within the scope of the Medical Devices Ordinance of 17 October 2011 and components for such devices
<p>Phthalic acid esters</p> <ul style="list-style-type: none"> - Bis(2-ethylhexyl) phthalate (DEHP, CAS no. 117-81-7) - Benzyl butyl phthalate (BBP, CAS no. 85-68-7) - Dibutyl phthalate (DBP, CAS no. 84-74-2) - Di-isobutyl phthalate (DIBP, CAS no. 84-69-5) 		

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Phthalic acid esters - Bis(2-ethylhexyl) phthalate (DEHP, CAS no. 117-81-7) - Benzyl butyl phthalate (BBP, CAS no. 85-68-7) - Dibutyl phthalate (DBP, CAS no. 84-74-2) - Di-isobutyl phthalate (DIBP, CAS no. 84-69-5)	Annex 2.18 (Electrical and Electronic equipment) With effect from 22 July 2019 it is prohibited to place new electrical and electronic equipment, cables and spare parts for such equipment on the market if they contain more than 0.1% of DEHP, BBP, DBP or DIBP	<ul style="list-style-type: none"> • Articles exclusively for industrial or agricultural use, or for use exclusively in the open air, provided that no material containing phthalate comes into contact with human mucous membrane or into prolonged contact with human skin <p>The prohibition does also not apply to the placing on the market of the following articles containing phthalates:</p> <ul style="list-style-type: none"> • Aircraft manufactured before 7 January 2024 • Motor vehicles first placed on the market in Switzerland or a Member State of the EU or the EFTA before 7 January 2024 • Components for the manufacture of aircraft which may be placed on the market and components for the repair and maintenance of such aircraft, where those components are essential for the safety and airworthiness of the aircraft • Components for the manufacture of motor vehicles which may be placed on the market and components for the repair and maintenance of such motor vehicles, where those components are essential for the proper operation of the motor vehicles • Any other articles which were first placed on the market before 7 July 2020 <p>See “Electrical and Electronic Equipment”</p>

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Pitch, coal tar, high temp.	See "Coal tar pitch (high temp.)"	
Polybrominated biphenyls (PBBs) Polybrominated diphenyl ethers (PBDEs)	See "Halogenated biphenyls", "Hexabromobiphenyl", "Brominated diphenyl ethers", "Octabromodiphenyl ethers" and "Electrical and electronic equipment"	
Polychlorinated biphenyls (PCB) with CAS no. 1336-36-3 et al. Polychlorinated naphthalenes C ₁₀ H _n Cl _{8-n} with 0 ≤ n ≤ 7	<p>Annex 1.1 (Persistent organic pollutants)</p> <p>It is prohibited to manufacture these substances, and substances and preparations containing these substances, and/or to place them on the market. New articles may not be placed on the market if they or parts thereof contain these substances. In addition, the provisions concerning capacitors and transformers (see the relevant section) must be complied with</p>	<ul style="list-style-type: none"> • Use for analysis and research purposes • Lubricating oils and greases manufactured from waste oils with no more than 1 ppm of halogenated biphenyls
<p>Polycyclic aromatic hydrocarbons (PAHs)</p> <ul style="list-style-type: none"> - Benzo[a]pyrene (CAS no. 50-32-8) - Benzo[e]pyrene (CAS no. 192-97-2) - Benzo[a]anthracene (CAS no. 56-55-3) - Chrysene (CAS no. 218-01-9) - Benzo[b]fluoranthene (CAS no. 205-99-2) - Benzo[j]fluoranthene (CAS no. 205-82-3) - Benzo[k]fluoranthene (CAS no. 207-08-9) - Dibenzo[a,h]anthracene (CAS no. 53-70-3) 	<p>Annex 2.9 (Plastics, their monomers and additives)</p> <p>It is prohibited to place on the market articles that consist of plastics (including rubber), wholly or partially, that contain more than 1 mg of one of the listed PAHs, if:</p> <ul style="list-style-type: none"> • The articles are intended for use by the general public, and • A component containing a PAH immediately, over a longer period of time or repeatedly for a short period of time comes into contact with human skin or the oral cavity. This applies in particular to: <ul style="list-style-type: none"> - Sports equipment (e.g, bicycles, golf clubs, rackets) - Household appliances, wheeled trolleys, walking aids - Tools for private use - Clothing, footwear, gloves, sportswear - Wristwatch straps, bracelets, masks, headbands 	Articles initially placed on the market prior to 1 September 2016
Polycyclic aromatic hydrocarbons (PAHs)	See "Tars", "Tar oils", "Extender oils", "Wood-based materials" and "Fertilisers"	
Propylenediaminetetraacetic acid (PDTA, CAS no. 1939-36-2) and its salts or compounds derived from PDTA	<p>Annexes 2.1 and 2.2 (Cleaning, deodorising and cosmetic products)</p> <ul style="list-style-type: none"> • Permissible content in laundry detergents: 0.5% 	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	<ul style="list-style-type: none"> Permissible content in cleaning products: 1% 	
Quintozene (CAS no. 82-68-8)	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture and/or place on the market quintozene and substances and preparations containing quintozene</p>	Use for analysis and research purposes
Refrigerants, ozone-depleting	<p>Annex 2.10 (Refrigerants)</p> <p>It is prohibited to manufacture, place on the market, import on a private basis and export refrigerants containing ozone depleting substances with an ozone depletion potential greater than 0.0005, as well as appliances and systems that are operated using ozone depleting refrigerants</p>	<p>The manufacture and the placing on the market of appliances or systems using ozone-depleting refrigerants, if in the current state of technology no substitute is available and the refrigerant has an ozone depletion potential of not more than 0.0005.</p> <p>Further information is available on the FOEN's website on refrigerants: https://www.bafu.admin.ch/bafu/en/home.html > Topics > Chemicals > Information for specialist > Regulations and procedures > Refrigerants</p>
Refrigerants, stable in atmosphere	<p>Annex 2.10 (Refrigerants)</p> <ul style="list-style-type: none"> It is prohibited to place on the market specific stationary systems which are operated using refrigerants which are stable in the atmosphere It is prohibited to manufacture, place on the market and import (for private purposes) the following appliances and mobile systems that are operated using refrigerants that are stable in atmosphere: <ul style="list-style-type: none"> Household refrigerators and freezers Commercial refrigerators and freezers Household appliances with heat pumps, in particular dehumidification and drying appliances Air conditioners Air conditioning systems used in motor vehicles mobile refrigeration systems for the transport of goods 	<p>Further information concerning provisions and exemptions is available on the FOEN's website on refrigerants: https://www.bafu.admin.ch/bafu/en/home.html > Topics > Chemicals > Information for specialist > Regulations and procedures > Refrigerants</p>

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Short-chain chlorinated paraffins	See "Chlorinated paraffins, short-chain"	
Solvents	See "1,2-Dichlorethane (EDC)", "Benzene", "Cyclohexane", "Dichloromethane", "Glycol ether", "Ozone depleting substances", "Substances stable in atmosphere", "Toluene", and "Trichloroethylene"	
Solvents, hazardous	<p>Annex 2.12 (Aerosol dispensers)</p> <p>It is prohibited to manufacture and/or place aerosol dispensers on the market if they need to be labelled as follows on account of the solvents they contain:</p> <ul style="list-style-type: none"> -H330 (potentially fatal if inhaled) -H331 (toxic if inhaled) <p>Aerosol dispensers may not be supplied to the general public if they need to be labelled as follows on account of the solvents they contain:</p> <ul style="list-style-type: none"> -H314 (causes severe burns and severe damage to eyes) -H318 (causes severe damage to eyes) 	
Spray products	See "Acids", "Bases", "Combustible substances", "Fluoroalkyl silanols and derivatives", "Glycol ether", "Ozone depleting substances", "Solvents", "Substances stable in atmosphere", "Toluene" and "Vinyl chloride"	
Strobane (CAS no. 8001-50-1)	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture and/or place on the market strobane and substances and preparations containing strobane</p>	Use for analysis and research purposes
Strychnine	<p>Annex 2.4 No. 3 (Rodenticides)</p> <p>Rodenticides may not contain strychnine</p>	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Substances in accordance with Annex XIV, REACH Regulation	Annex 1.17 (Substances in accordance with Annex XIV REACH Regulation)	
<ol style="list-style-type: none"> 1) 5-tert-Butyl-2,4,6-trinitro-m-xylene (musk xylene, CAS no. 81-15-2) 2) 4,4'-diaminodiphenylmethane (MDA, CAS no. 101-77-9) 4) Bis(2-ethylhexyl) phthalate (DEHP, CAS no. 117-81-7) 5) Benzyl butyl phthalate (BBP, CAS no. 85-68-7) 6) Dibutyl phthalate (DBP, CAS no. 84-74-2) 7) Diisobutyl phthalat (DIBP, CAS no. 84-69-5) 8) Diarsenic trioxide (CAS no. 1327-53-3) 9) Diarsenic pentaoxide (CAS no. 1303-28-2) 10) Lead chromate (CAS no. 7758-97-6) 11) Lead sulfochromate yellow (CAS no. 1344-37-2) 12) Lead chromate molybdate sulfate red (CAS no. 12656-85-8) 13) Tris(2-chloroethyl) phosphate (TCEP, CAS no. 115-96-8) 14) 2,4-Dinitrotoluene (2,4-DNT, CAS no. 121-14-2) 15) Trichlorethylene (CAS no: 79-01-6) 16) Chromium trioxide (CAS no: 1333-82-0) 	<p>The placing on the market of substances in accordance with Annex XIV of the REACH Regulation, which are listed in paragraph 5 of Annex 1.17, and preparations containing such substances is prohibited</p> <p>The following concentrations of substances in preparations are tolerated:</p> <ul style="list-style-type: none"> • PBT and vPvB substances, and substances that give rise to concern due to similar or endocrine properties: up to 0.1% • CMR substances: concentrations below the lowest limit levels according to which preparation is classified as dangerous in Directive 1999/45/EC (Dangerous Preparations Directive) or Annex VI Part 3 of Regulation (EC) No. 1272/2008 (CLP Directive) 	<p>Prohibitions do not apply to the following uses:</p> <ul style="list-style-type: none"> • Use as an interim product in accordance with Article 2, paragraph 2j, Chemicals Ordinance (SR 813.11) • Use in medicaments • Use in foodstuffs and animal feed • Use in plant protection agents and biocide products • Use as engine fuel and heating fuel • Use in cosmetic products and in materials and items that are intended to come into contact with foodstuffs, as long as the substance has been included in the list solely because of its inherent properties: "carcinogenic", "mutagenic", "toxic to reproduction" or "otherwise severely harmful to human health" • Use in the field of scientific research and development • Use of phthalates DEHP, BBP, DBP and DIBP in the primary packaging of medicaments <p>Prohibition also does not apply:</p> <ul style="list-style-type: none"> • If the European Commission has approved the substance based on Article 60, paragraph 1 of the REACH Regulation and the substance concerned is used in accordance with the EU approval • To uses of the substance concerned for which an application for approval has been submitted in accordance with Article 62 of the REACH Regulation, concerning which a decision has not yet been taken • If the Notification Authority (Article 77 Chemicals Ordinance) has granted further, temporary exemptions • Uses of chromium trioxide (CAS no: 1333-82-0), acids formed from chromium trioxide, and their oligomers and sodium dichromate (CAS no: 7789-12-0; 10588-01-9) in

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
17) Acids formed from chromium trioxide, and their oligomers		processes in which the end products do not contain chromium in hexavalent form
18) Sodium dichromate (CAS no: 7789-12-0; 10588-01-9)		The prohibitions apply:
19) Potassium dichromate (CAS no: 7778-50-9)		<ul style="list-style-type: none"> •
20) Ammonium dichromate (CAS no: 7789-09-5)		<ul style="list-style-type: none"> • From 1 November 2021 for technical MDA, arsenic acid and Diglyme
21) Potassium chromate (CAS no: 7789-00-6)		<ul style="list-style-type: none"> • From 1 February 2022 for EDC and MOCA
22) Sodium chromate (CAS no: 7775-11-3)		<ul style="list-style-type: none"> • From 1 April 2023 for dichromium tris(chromate), strontium chromate, zinc potassium chromate and pentazinc chromate octahydroxide
23) Technical MDA (CAS no: 25214-70-4)		<ul style="list-style-type: none"> • From 2 November 2023 for 1-Bromopropane and phthalic acid esters (entry numbers 33 – 39, and 44 – 46)
24) Arsenic acid (CAS no: 7778-39-4)		<ul style="list-style-type: none"> • From 2 February 2024 for anthracene oil, coal tar pitch (high temp.), trixylylphosphate, sodium perborate and sodium peroxometaborate
25) Di(2-methoxyethyl) ether (Diglyme, CAS no: 111-96-6)		<ul style="list-style-type: none"> • From 2 May 2024 for 4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated and 4-Nonylphenol, branched and linear, ethoxylated
26) 1,2-Dichlorethane (EDC, CAS no: 107-06-2)		<ul style="list-style-type: none"> • From 2 May 2024 for 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] (includes each individual stereoisomer of [1] and [2] or any combination thereof)
27) 2,2'-Dichloro-4,4'-methylenedianiline (MOCA, CAS no: 101-14-4)		<ul style="list-style-type: none"> • From 2 August 2024 for UV-328, UV-327, UV-350 and UV-320
28) Dichromium tris(chromate) (CAS no: 24613-89-6)		<ul style="list-style-type: none"> • For substances in entry numbers 32–46, a transitional period also applies until 2 July 2026 for the following uses:
29) Strontium chromate (CAS no: 7789-06-2)		<ul style="list-style-type: none"> - manufacture of a replacement part in order to repair a product where the substance concerned is or was used in the manufacture of the product and the product will not function properly without this replacement part
30) Zinc potassium chromate (CAS no: 11103-86-9)		
31) Pentazinc chromate octahydroxide (CAS no: 49663-84-5)		
32) 1-Bromopropane (CAS no: 106-94-5)		

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
33) Diisopentyl phthalate (CAS no: 605-50-5)		- repair of a product where the substance concerned is or was used in the manufacture of the product and the product can only be repaired by using the substance concerned
34) 1,2-Benzenedicarboxylic acid, Di-C6-8-branched alkyl esters, C7 rich (CAS no: 71888-89-6)		
35) 1,2-Benzenedicarboxylic acid, Di-C7-11-branched and linear alkyl esters (CAS no: 68515-42-4)		
36) 1,2-Benzenedicarboxylic acid, Dipentylester, branched und linear (CAS no: 84777-06-0)		
37) Bis(2-methoxyethyl) phthalate (CAS no: 117-82-8)		
38) Dipentylphthalate CAS no: 131-18-0		
39) n-Pentyl-isopentylphthalate (CAS no: 776297-69-9)		
40) Anthracene oil (CAS no: 90640-80-5)		
41) Pitch, coal tar, high temp. (CAS no: 65996-93-2)		
42) 4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated		
43) 4-Nonylphenol, branched und linear, ethoxylated		
44) 1,2-Benzenedicarboxylic acid, Di-hexylester, branched und linear (CAS no: 68515-50-4)		
45) Dihexylphthalate (CAS no: 84-75-3)		
46) 1,2-Benzenedicarboxylic acid, Di-C6-10-alkyl esters; 1,2-Benzenedicarboxylic		

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
acid, mixed decyl-, hexyl- and octyldiesters with ≥ 0.3 % dihexylphthalate (CAS no: 68515-51-5; 68648-93-1)		
47) Trixylylphosphate (CAS no: 25155-23-1)		
48) Sodium perborate		
49) Sodium peroxometaborate (CAS no: 7632-04-4)		
50) 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]		
51) 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV-328) (CAS no: 25973-55-1)		
52) 2,4-Di-tert-butyl-6-(5-chlorbenzotriazol-2-yl)phenol (UV-327) (CAS no: 3864-99-1)		
53) 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) (CAS no: 36437-37-3)		
54) 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) (CAS no: 3846-71-7)		

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<p>Substances stable in the atmosphere</p> <p>Hydrofluorocarbons as listed in Annex F to the Montreal Protocol on Substances that Deplete the Ozone Layer and other fluorinated organic compounds with a vapour pressure of at least 0.1 mbar at 20° C or whose boiling point does not exceed 240° C at 1013.25 mbar, and which have a mean lifetime in air of at least 2 years, such as:</p> <p>Hydrofluorocarbons (HFCs):</p> <ul style="list-style-type: none"> - Trifluoromethane (HFC-23) - Difluoromethane (HFC-32) - Fluoromethane (HFC-41) - Pentafluoroethane (HFC-125) - 1,1,1,2-tetrafluoroethane (HFC-134a) - 1,1,1-trifluoroethane (HFC-143a) - Heptafluoropropane (HFC-227ea) - 1,1,1,2,3,3-hexafluoropropane (HFC-236ea) - 1,1,1,3,3,3-hexafluoropropane (HFC-236fa) 	<p>Annex 1.5 (Substances stable in the atmosphere)</p> <ul style="list-style-type: none"> • The manufacture of hydrofluorocarbons as listed in Annex F to the Montreal Protocol on Substances that Deplete the Ozone Layer is prohibited • The import and export of hydrofluorocarbons as listed in Annex F to the Montreal Protocol on Substances that Deplete the Ozone Layer is subject to licensing • It is prohibited to place on the market preparations and articles containing substances stable in the atmosphere <hr/> <p>Annex 2.3 (Solvents)</p> <p>It is prohibited to manufacture, place on the market and/or import for private use substances stable in the atmosphere for purposes of cleaning, dissolution, emulsification or suspension, as well as preparations and articles that contain these substances for the cited purposes</p>	<ul style="list-style-type: none"> • Manufacturing regenerated hydrofluorocarbons • Placing on the market of preparations and articles: <ul style="list-style-type: none"> - which may be placed on the market in accordance with the provisions of Annexes 2.3, 2.9, 2.10, 2.11 and 2.12; - which may be used on the basis of an exemption permit - for whose manufacture or maintenance substances stable in the atmosphere may be used on the basis of a direct exemption, in particular <ul style="list-style-type: none"> ○ For the production of semiconductors ○ For use as heat transfer or insulating liquid in welding machines and in testing and calibration baths ○ As intermediates in a process leading to complete chemical conversion ○ For analysis and research purposes ○ For particle accelerators, mini-relays and high-voltage distribution systems that contain SF₆. • Placing on the market of preparations, which are deemed equivalent to substances stable in the atmosphere <hr/> <ul style="list-style-type: none"> • Solvents used in closed systems for surface treatment in accordance with Annex 2 No. 87 of the Ordinance on Air Pollution Control (OAPC, SR 814.318.142.1) • On receipt of a justified request, temporary exemptions may be granted if no substitutes are currently available

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
<ul style="list-style-type: none"> - 1,1,2,2,3-pentafluoropropane (HFC-245ca) - 1,1,1,3,3-pentafluoropropane (HFC-245fa) - Pentafluorobutane (HFC-365mfc) - Decafluoropentane (HFC-43-10) 	<p>Annex 2.9 (Plastics, their monomers and additives)</p> <p>It is prohibited to supply foams manufactured with substances stable in atmosphere and articles containing such foams</p>	<ul style="list-style-type: none"> • Cases where in the current state of technology thermal insulation cannot be obtained using other materials • On receipt of a justified request, temporary exemptions may be granted for certain foams if no substitutes are currently available
Perfluorocarbons (PFCs), e.g.:	<p>Annex 2.10 (Refrigerants)</p> <p>See "Refrigerants"</p>	
<ul style="list-style-type: none"> - Tetrafluoromethane (PFC-14) - Hexafluoroethane (PFC-116) - Octafluoropropane (PFC-218) - Decafluorobutane (PFC-31-10) - Octafluorocyclobutane (PFC-C-318) - Dodecafluoropentane (PFC-41-12) - Tetradecafluorohexane (PFC-51-14) 	<p>Annex 2.11 (Extinguishing agents)</p> <p>It is prohibited to place on the market and/or import on a private basis extinguishing agents which are stable in atmosphere and appliances and systems containing such extinguishing agents</p>	<ul style="list-style-type: none"> • Supply for purposes of recycling • Re-import of extinguishing agents demonstrably exported for recycling • Import of portable extinguishers for use in own vehicle • Placing on the market of extinguishing agents to ensure the safety of persons in aircraft, special-purpose army vehicles or nuclear installations; on receipt of a justified request, temporary exemptions may be granted in similar cases
Hydrofluoroethers (HFEs), e.g.:	<p>Annex 2.12 (Aerosol dispensers)</p> <p>It is prohibited to manufacture and/or placing on the market for professional or commercial purposes aerosol dispensers containing substances which are stable in atmosphere</p>	<ul style="list-style-type: none"> • Medicaments and medical products, if, due to the current state of technology, a substitute without substances that are stable in atmosphere is not available • On receipt of a justified request, temporary exemptions may be granted
<ul style="list-style-type: none"> - Methyl nonafluorobutyl and nonafluoroisobutyl ethers (HFE-7100) 		
Sulphur hexafluoride SF ₆ (R-7146)		
Nitrogen trifluoride		
For substances stable in the atmosphere which are substances that deplete the ozone layer, Annex 1.4 applies (see "Substances that deplete the ozone layer")		

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Substances toxic to reproduction	See "CMR substances"	
Sulphur hexafluoride (CAS no. 2551-62-4)	See "Substances stable in atmosphere"	
Surfactants Detergents containing surfactants	<p>Annex 2.1 and 2.2 (Laundry detergents, cleaning, deodorising and cosmetic products)</p> <p>As well as OPEs and NPEs, laundry detergents and cleaning products must not contain:</p> <ul style="list-style-type: none"> - Surfactants for which the level of primary biodegradability is lower than 80% - Surfactants for which the level of ultimate biodegradation is lower than 60% (mineralisation) or 70% (loss of dissolved organic carbon) - Surfactants included in the list of banned or restricted detergent surfactants in Annex VI* of Regulation (EC) No. 648/2004 <p>* The lists given in Annexes 2.1 and 2.2 are adapted by the FOEN to amendments to Regulation (EC) No. 648/2004</p>	<ul style="list-style-type: none"> • Surfactants which are active ingredients of disinfectants or medical products • The following surfactant included in Annex V* (list of derogations) to Regulation (EC) No. 648/2004: <ul style="list-style-type: none"> - Alcohols, Guerbet, C16-20, ethoxylated, n-butyl ether (7-8EO) until 27 June 2019 for industrial bottle washing, cleaning-in-place and metal cleaning • On receipt of a justified request, exemptions may be granted for laundry detergents and cleaning products with surfactants that are not completely biodegradable and which are not yet included in Annex V or VI of the Regulation
Tars*	<p>Annex 1.15 (Tars)</p> <p>It is prohibited to place on the market the following tar-containing preparations if they contain more than 100 mg of PAH per kilogram (overall limit for EPA PAH):</p> <ul style="list-style-type: none"> • Products for surface dressing of paved surfaces, e.g. tar emulsions used as oil- and petrol-resistant pavement coatings for petrol stations, parking areas, handling areas, works yards and airports • Joint sealants for paved surfaces, e.g. for fuel handling areas and for open or covered parking areas at airports • Paints and varnishes, e.g. used as protective coatings for concrete and steel (e.g. pressure pipelines) <p>It is also prohibited:</p> <ul style="list-style-type: none"> • To place on the market tar-containing clay pigeons, containing more than 30 mg of PAH per kilogram 	<p>The restrictions do not apply:</p> <ul style="list-style-type: none"> • If an authorisation has been granted for a specific use by the European Commission in accordance with Regulation (EC) No. 1907/2006 (REACH Regulation) • If, due to the status of technology, no substitutes for tar-containing preparations are currently available, and the FOEN, on receipt of a justified request, has granted exemptions from the prohibitions for tar-containing preparations and binders <p>The provisions of the Annex are not applicable to tar-containing binders that end up in new surfaces as a result of the recycling of tar-containing road construction materials in the manufacture of surfaces</p>

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
	<ul style="list-style-type: none"> To manufacture surfaces, such as foundation, base, binder and surface courses, using tar-containing binders, if the latter contain more than 100 mg of PAH per kilogram 	
<p>Tar oils, in particular:</p> <ul style="list-style-type: none"> - Creosote (CAS no. 8001-58-9) - Creosote oil (CAS no. 61789-28-4) - Distillates (coal tar), naphthalene oils (CAS no. 84650-04-4) - Creosote oil, acenaphthene fraction (CAS no. 90640-84-9); - Distillates (coal tar), upper (CAS no. 65996-91-0) - Anthracene oil (CAS no. 90640-80-5) - Tar acids, coal, crude (CAS no. 65996-85-2) - Creosote, wood (CAS no. 8021-39-4) - Low temperature tar oil, alkaline; extract residues (coal) (CAS no. 122384-78-5) 	<p>Annex 2.4 No. 1 (Wood preservatives)</p> <ul style="list-style-type: none"> It is prohibited to place on the market wood preservatives which contain tar oils It is prohibited to supply wood treated with wood preservatives which contain tar oil 	<ul style="list-style-type: none"> Railway sleepers which are supplied by one rail company to another for railway track installations Wood preservatives containing tar oil which contain no more than 50 mg of benzo[a]pyrene per kg and are supplied to professional or commercial users in packages with a minimum content of 20 litres; wood thus treated may be supplied for railway track installations
Tar, tar oils	See "anthracene oil" and "coal tar pitch"	
Telodrin (CAS no. 8001-58-9)	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture and/or place on the market telodrin and substances and preparations containing telodrin</p>	Use for analysis and research purposes
Tetrabromodiphenyl ether	See "Brominated diphenyl ether"	
Tetrachloroethylene (perchloroethylene)	<p>Annex 2.1 and 2.2 (Laundry detergents, cleaning, deodorising and cosmetic products)</p> <p>Prohibited in laundry detergents and cleaning products which are released into waste water</p>	
Tetrachloromethane (CAS no. 56-23-5)	See "Ozone depleting substances"	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Tetrachlorophenols (TeCPs) and their salts and tetrachlorophenoxy compounds	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to manufacture these substances, and substances and preparations containing these substances, and/or place them on the market</p>	Use for analysis and research purposes
Textiles	<p>Annex 1.8 (Octylphenol, nonylphenol and their ethoxylates)</p> <p>It is prohibited to place on the market washable textile fibres and semi-finished and finished textile products such as fibres, yarns, fabrics, knitted fabrics, home textiles, accessories or clothing if the content of nonylphenol ethoxylates (NPE) relative to the textile component is 0.01% or more</p> <p>Annex 1.9 (Flame retardants)</p> <p>Textiles which are intended to be worn directly or indirectly next to the skin or used in room furnishings may not contain tris(2,3-dibromopropyl) phosphate (CAS no. 126-72-7) or tris(aziridinyl) phosphine oxide (CAS no. 545-55-1)</p>	<ul style="list-style-type: none"> • Textile fibres and semi-finished and finished textile products if exceedance of the limit of 0.01% is due to the recycling of textiles and NPEs are not added during the manufacturing process • Textile fibres or semi-finished and finished textile products containing NPEs which were first placed on the market before 1 June 2022
Textiles and leather goods	<p>Annex 1.2 (Halogenated organic compounds)</p> <p>It is prohibited to import textiles and leather goods for professional or commercial purposes if the goods contain prohibited substances as specified in Annex 1.2, in particular PCP</p>	
Textiles and leather goods	<p>Annex 1.13 (Azo dyes)</p> <ul style="list-style-type: none"> • Textiles and leather goods may not be dyed with blue colourant (as specified in Annex 1.13) • For azo dyes used in textiles and leather goods which can release aromatic amines such as benzidine or naphthylamine, the provisions of the Foodstuffs and Utility Articles Ordinance (SR 817.02) are applicable 	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Thallium (Tl) and thallium compounds	Annex 2.4 No. 3 (Rodenticides) Rodenticides may not contain thallium	
Toluene (CAS no. 108-88-3)	Annex 1.12 No. 2 (Benzene and related compounds) It is prohibited to supply adhesives and spray paints containing more than 0.1% of toluene to the general public	
Toxaphene (CAS no. 8001-35-2)	Annex 1.1 (Persistent organic pollutants) It is prohibited to manufacture and/or place on the market toxaphene and substances and preparations containing toxaphene. New articles may not be placed on the market if they or parts thereof contain toxaphene	Use for analysis and research purposes
Transformers	See "Capacitors and transformers"	
Tri-substituted organostannic compounds	Annex 1.14 (Organostannic compounds) It is prohibited to place trialkyl and triaryl tin compounds on the market in: <ul style="list-style-type: none"> • Products used to protect service water • Film preservatives in paints and varnishes • Antifouling products (underwater coatings) 	<ul style="list-style-type: none"> • Use in research and development • Paints and varnishes in which these substances are chemically bound
	The manufacture and placing on the market of products containing tri-substituted organostannic compounds is prohibited	Articles containing tri-substituted organostannic compounds first placed on the market before 1 June 2013
Trichloroethane, 1,1,1-	See "Ozone depleting substances"	
Trichloroethane, 1,1,2-	See "1,1,2-Trichloroethane"	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Trichloroethylene (CAS no: 79-01-6)	Annex 1.17 (Substances in accordance with Annex XIV, REACH Regulation) With effect from 1 December 2019 it is prohibited to place trichloroethylene, and preparations containing this substance, on the market	See "Substances in accordance with Annex XIV, REACH Regulation"
Trichloroethylene (CAS no: 79-01-6)	Annexes 2.1 and 2.2 (Laundry detergents, cleaning, deodorising and cosmetic products) Prohibited in laundry detergents and cleaning products which are released into waste water	
Tris(aziridiny) phosphine oxide (CAS no. 545-55-1)	Annex 1.9 (Flame retardants) Textiles which are intended to be worn directly or indirectly next to the skin or used in room furnishings may not contain these substances	
Tris(2-chloroethyl) phosphate (TCEP, CAS no. 115-96-8)	Annex 1.17 (Substances according to Annex XIV, REACH Regulation) Placing on the market of TCEP, and preparations containing TCEP, is prohibited	See "Substances in accordance with Annex XIV, REACH Regulation"
Tris(2,3-dibromopropyl) phosphate (CAS no. 126-72-7) Tris(aziridiny) phosphine oxide (CAS no. 545-55-1)	Annex 1.9 (Flame retardants) Textiles which are intended to be worn directly or indirectly next to the skin or used in room furnishings may not contain these substances	
Trixylyl phosphate (CAS no: 25155-23-1)	Annex 1.17 (Substances according to Annex XIV, REACH Regulation) With effect from 2 February 2024 it is prohibited to place Trixylylphosphate, and preparations containing Trixylylphosphate, on the market	See "Substances in accordance with Annex XIV, REACH Regulation"
UV absorbers	See "Phenolic benzotriazoles"	

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Vehicles, vehicle materials and components	See "Substances stable in atmosphere"	
Vehicles, vehicle materials and components	<p>Annex 2.16 No. 5 (Heavy metals in vehicles)</p> <p>It is prohibited to place on the market new vehicle* materials and components, or new vehicles containing such materials and components, if they contain more than 0.1% of lead, mercury or chromium(VI) or more than 0.01% of cadmium per homogeneous material</p> <p>* For the purposes of No. 5, vehicles are cars and light commercial vehicles</p>	<ul style="list-style-type: none"> • Vehicle materials and components listed in Annex II of Directive 2000/53/EC on End of Life Vehicles (ELV) • Vehicles which are allowed to contain the materials or components listed in Annex II of Directive 2000/53/EC on End of Life Vehicles (ELV) • Spare parts for vehicles which were first placed on the market before 1 August 2006, with the exception of wheel balance weights, carbon brushes and brake linings
Vinyl chloride (CAS no. 75-01-4)	<p>Annex 2.12 (Aerosol dispensers)</p> <p>Aerosol dispensers may not contain vinyl chloride</p>	
Wood treated with wood preservatives	See "Wood preservatives"	
Wood preservatives	<p>Annex 2.4 No. 1 (Wood preservatives)</p> <ul style="list-style-type: none"> • It is prohibited to place on the market wood preservatives which contain tar oils • It is prohibited to supply wood treated with wood preservatives which contain tar oil • It is prohibited to place on the market wood preservatives which contain arsenic or arsenic compounds • It is prohibited to import wood containing substances which are not authorised or are prohibited in Switzerland for the treatment of wood (in particular, pentachlorophenol or arsenic) 	<ul style="list-style-type: none"> • Railway sleepers containing tar oil which are supplied by one rail company to another for railway track installations • Wood preservatives containing tar oil which contain no more than 50 mg/kg of benzo[a]pyrene and are supplied to professional or commercial users in packages with a minimum content of 20 litres; wood thus treated may be supplied for railway track installations

Substance/Preparation/Article	Regulations	Exemptions/Transitional provisions
Wood-based materials	<p>Annex 2.17 (Wood-based materials)</p> <p>It is prohibited for manufacturers to place wood-based materials on the market if the following substances exceed the specified limit levels:</p> <ul style="list-style-type: none"> <li>• Arsenic (As): 25 ppm <li>• Lead (Pb): 90 ppm <li>• Cadmium (Cd): 50 ppm <li>• Mercury (Hg): 25 ppm <li>• Benzo[a]pyrene (CAS no. 50-32-8): 0.5 ppm <li>• Pentachlorophenol (PCP, CAS no. 87-86-5): 5 ppm 	