

Mirka Restricted Materials List

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The Mirka Ltd Restricted Materials List (RML) specifies the chemical substances that are classified as "banned", "restricted" and "substances of concern".

Principles

The objective with the RML is to achieve compliance with legislation, the Mirka Ltd environmental policy and to facilitate a consistent approach to managing chemical substances.

The RML is used to inform suppliers and other stakeholders about the status of chemical substances. It is an integral part of parts specifications and contractual agreements with suppliers.

The purpose of the RML is to avoid materials and substances that:

- may represent hazards to the environment or the health of workers, customers and consumers
- could negatively influence end-of-life properties, or
- might cause other concerns.

Mirka Ltd always follows national and local legislation. Substances that are not restricted or not included on the RML are not automatically acceptable to use.

In addition, substances that are legal to use may be included on the RML.

If there is a change in the official classification of a substance, a reclassification within RML will be considered at the next periodical update. If required by legislation, this time will be reduced.

Current version of RML is valid until next update is published. **Changes in this document are marked with yellow.**

RML Classification

RML substances are classified into the following categories:

- Banned:** Substances that shall not be present in any products put on the market by the Mirka Ltd
- Restricted:** Restricted Substances shall not be present in products put on the market by the Mirka Ltd, but:
 - exemptions for geographical regions may exist
 - exemptions for specific applications may exist
 - they may be present during a planned phase out period
- Substances of Concern (SoC):** listed because they generate concern now or may do so in the future

When a substance belongs to several groups with different RML classifications, the most stringent classification applies.

The presence of RML substances in materials, articles or products shall be reported by the supplier.

Post consumer recycled plastic is subject to specific requirements (see Annex I)

Substance Groups	Mirka Classification	Example of application	Exemptions and/or phase out	Properties	Regulation
RoHS substances					
Cadmium (Cd) and its compounds	Restricted	Pigment (especially red and yellow tints), stabilizer (especially PVC), batteries	Phased out in Europe, under phase out in other regions. Exemptions according to RoHS.	BA, C, DE, HAT, T	RoHS
Chromium 6+ (CrVI) compounds	Restricted	Anti-corrosion surface treatment e.g. surface passivation, pigments (chromates)	Exemptions according to RoHS (absorption refrigerators). Exemption for surface treatment of steel sheets for markets outside Europe.	C, DE, T	RoHS
Lead (Pb) and its compounds	Restricted	Soldering alloys, pigments (especially red and yellow), stabilizer (especially PVC), batteries, enamels, glassware	Phased out in Europe, under phase out in other regions. Exemptions according to RoHS.	BA, DE, HAT, R, T	RoHS
Mercury (Hg) and its compounds	Restricted	Catalyst for polyurethane elastomers, coating and sealant applications	Exemptions according to RoHS (fluorescent lighting).	BA, DE, T	RoHS
PBBs (polybrominated biphenyls)	Restricted Banned in Europe	Flame retardants	Phased out in Europe, under phase out in other regions.	BA, DE, ED, POP	REACH RoHS
PBDEs (polybrominated diphenylethers)	Restricted Banned in Europe	Flame retardants	Phased out in Europe, under phase out in other regions.	BA, DE, ED, POP	REACH RoHS

SVHC (Substances of Very High Concern) in the REACH¹ process

Substances ¹ needing authorization - annex 14(all)	Restricted		Under phase out in Europe. Geographic exemption in other regions.		REACH, Annex XIV
Di-(2-ethylhexyl) phthalate; DEHP	Restricted		EU phase out to be completed by end of 2013		REACH, Annex XIV
Hexabromocyclododecane ; HBCDD	Restricted		Phase out to be completed by end of 2013 and by 2014 in Latin America.		REACH, Annex XIV
Substances ¹ on the candidate list ² (all)	Restricted		Under phase out in Europe. Geographic exemption in other regions.		REACH, CL
Substances ¹ on the Registry for current SVHC intentions ³	SoC				REACH, CL-I

CMR 1A&1B (Carcinogenic, Mutagenic, Reproduction toxic substances, formerly CMR 1 or 2)

Aromatic amines classified as CMR category 1A or 1B and their salts	Banned	Azo colorants, Diarylazo pigments		C, M, R	REACH
Dyes and pigments containing CMR 1A or 1B classified aromatic amines	Banned	Dyes, paints, inks, plastics		C, M, R	REACH
Refractory ceramic fibers / asbestos	Banned	Friction pads, gaskets, electrical and thermal insulation		C	REACH, WEEE
PAHs classified as CMR 1A or 1B	Banned	Carbon blacks, black rubbers		BA, C, DE, ED, HAT, POP, T	REACH
CMR substances category 1A or 1B, all	Restricted		Exemptions for technically required applications, e.g. electronics or alloying elements.		

CMR 2 (Carcinogenic, Mutagenic, Reproduction toxic substances, formerly CMR 3)

CMR substances category 2, all	SoC			C, M, R	toys
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¹ Most substances included in REACH regulation process are already restricted or banned in other RML categories as well, e.g. RoHS, CMR1&2 and therefore might be subjected to stricter requirements

² The "candidate list" is a list of chemicals that meet the criteria of "substances of very high concern" defined in the REACH legislation. Connected to this list is a requirement for companies to provide information to customers concerning the presence of these substances in articles (products). The candidate list is published on the home page of the European Chemicals Agency http://echa.europa.eu/chem_data/authorisation_process/candidate_list_en.asp

³ The "Registry of current SVHC intentions" is published by the European Chemicals Agency to allow interested parties to be aware of the substances for which the authorities intend to submit Annex XV dossiers. (<http://echa.europa.eu/web/guest/registry-of-current-svhc-intentions>)

Substance Groups	Mirka Classification	Example of application	Exemptions and/or phase out	Properties	Regulation
PBT and vPvB (Persistent, Bioaccumulating and Toxic or very Persistent and very Bioaccumulating substances)					
All POPs restricted in international conventions	Banned	Pesticides, flame retardants		BA, C, DE, ED, HAT, POP, T	850/2004, Stockholm Convention
POPs Candidates proposed for Stockholm convention	Restricted	Pesticides, flame retardants	Under phase out	BA, C, DE, ED, HAT, POP, T	Stockholm convention
Hexabromocyclododecan; HBCDD	Banned	Flame retardants (especially EPS)			REACH, Annex XIV
PCBs (polychlorinated biphenyls)	Banned	Capacitors, transformers, hydraulic fluids, additives in polymers		BA, DE, ED, HAT, POP, R, T	850/2004
PCTs (polychlorinated terphenyls)	Banned	Capacitors, transformers, hydraulic fluids, additives in polymers		BA, DE, POP	REACH
PCDEs (polychlorinated diphenylethers)	Restricted	Flame retardants	Banned in Europe. Geographical exemption in other regions.	BA, DE, ED, POP	REACH
Derivatives of PCBs, PCTs, PCDEs, PBBs, PBDEs	SoC	Flame retardants		BA, DE, ED, POP	
PCNs (polychlorinated naphthalenes)	Banned	Flame retardants		BA, DE, ED, POP	
PFOS - Perfluorooctanesulfonic acid (C8F17SO4) and its salts	Banned	Surfactants		BA, POP	REACH
PFOA - Perfluorooctanoic acid and its salts	Banned	Soil repellents, cleaning agents		BA, POP, R	
Other Per- and Polyfluorinated substances	SoC		Exemption for polymers.	POP	
Arsenic (As) and its compounds	Restricted	Metal finishes	Exemptions for transparent and white ceramic cook tops, ceramic cook tops with thickness over 5mm, metal alloys and electronics.	DE, T	REACH, Annex XIV, CL, CL-I
Short Chain Chlorinated Paraffins (SCCP)	Banned	Lubricants, Flame retardants, Plasticizers (especially in PVC)			REACH, Annex XIV, Toys 850/2004

Endocrine disrupting substances					
Nonylphenol and derivatives	Banned	Surfactants		DE, (ED), HAT	REACH
Tri-substituted organostannic compounds	Restricted	Additives, biocides	Banned in Europe.	DE, ED, HAT, T	REACH, , CL
Diocyltin compounds	Restricted	Additives, biocides	Banned in Europe with exemptions according to law.	DE, ED, HAT, T	REACH,
Dibutyltin compounds	Restricted	Additives, biocides	Banned in Europewith exemptions according to law.	DE, ED, HAT, T	REACH,
Tin organic compounds all others	SoC	Additives, biocides		DE, ED, HAT, T	REACH

Radioactive substances					
Radioactive substances	Banned	tritium illuminations, "anionic plastics"		C,M,R, T	96/29 WEEE

Ozone depleting substances					
BFCs (BromoFluoroCarbons - Halons), BCFCs (BromoChloroFluoroCarbons)	Banned	Fire extinguishers		DE, GW, OD	2037/2000
CFCs (ChloroFluoroCarbons)	Banned	Blowing agents, refrigerants, solvents		DE, GW, OD	2037/2000
HBFCs (HydroBromoFluoroCarbons)	Banned	Blowing agents, refrigerants, solvents		DE, GW, OD	2037/2000
HCFCs (HydroChloroFluoroCarbons)	Restricted Banned in Europe	Blowing agents, refrigerants	During phase out in markets outside Europe.	DE, GW, OD	2037/2000
Brominated/ chlorinated alkanes listed under Montreal Protocol	Banned	Solvents, biocides.		OD, T, DE, HAT	3207/2000

Substance Groups	Mirka Classification	Example of application	Exemptions and/or phase out	Properties	Regulation
Greenhouse gases					
Refrigerants and blowing agents with GWP > 2000	Banned			GW	842/2006
Refrigerants and blowing agents with GWP > 15	SoC			GW	
PFCs (perfluorinated hydrocarbons)	Banned		Exemptions for polymers and non-volatile oligomers.	GW	842/2006

Allergenic and sensitizing substances					
(Contact) allergens / sensitizers when exposure is likely	Restricted	Handles, knobs, application with significant emissions	Exemptions for nickel in stainless steel, batteries or as sub-layer e.g. in Chrome plating.	A	Toys, GS.
Allergens / Sensitizers	SoC	Fragrances		A	Toys, GS.

Biocides					
Biocides, all	SoC			HAT, DE, T	
Dimethyl fumarate	Restricted Banned in Europe	Antimould agent		A	REACH

Miscellaneous banned or restricted substances					
Silicones	Restricted (contamination risk to be verified)	Painting; Mirka customers may get uneven paint result		Contamination	Mirka
Pentachlorophenol	Banned	Wood preservative		DE, HAT, T	REACH
Formaldehyde, wood based materials emitting Formaldehyde during use in concentrations above class E1 (EN 13986)	Banned	Chip boards		C, T, A	Germany, Chemikalien Verbotverordnung
Chlorinated solvents, all	Banned	Solvents, spray can propellants		C, GW, OD, T	REACH

Miscellaneous substances of concern					
PVC, Polyvinyl chloride ⁶	SoC	Packaging materials		BA, DE, HAT, R, T (for additives)	
Halogenated organic compounds ⁷ / flame retardants	SoC			BA, HAT, PBT	
Halogenated organic phosphorous compounds	SoC	Pesticides, flame retardants		NT, HAT	REACH
Conflict Minerals and their derivatives (Tin, Tantalum, Tungsten, Gold)	SoC	Electronics, heating elements.			Dodd-Frank
Other substances of concern (see Annex II)	SoC				

⁶ Many typical PVC additives are classified as restricted or banned (e.g. Lead, Cadmium, Phthalates).

⁷ Any organic substance containing an element of the seventh main group, i.e. fluorine (F), chlorine (Cl), bromine (Br) or iodine (I) except if only halogenide salt

Maximum Concentration Values

The RML requirements apply to substance present in concentrations above 0.1% in weight. The concentration shall be calculated on purchased material or article (for assembled products also for all subcomponents that might be sold as spare parts).

Concentration for RoHS substances shall be calculated on homogeneous material⁸ as defined in the RoHS directive for all goods produced or imported into the European Community. General limit values are 0.1% (CrVI, Pb, Hg, PBBs and PBDEs), except for Cadmium 0.01%. RoHS exemptions and limit values in force apply⁹

For Radioactive Substances no intentional addition is accepted.

If different concentration values are foreseen by legislation, the most stringent value applies (e.g. legal limit value for dimethyl fumarate is 0.1 ppm in the EU)

Note! Mirka Ltd: Limit value for information of the presence of all substances: 0.01 %, in purchased material or articles (see above).

Definitions

Definition of references in column "Regulation"

RoHS means EU Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (repealing Directive 2002/95/EC).

850/2004 means EU Regulation 850/2004 on persistent organic pollutants and its amendments, which is the EU implementation of the Stockholm Convention.

WEEE means EU Directive 2012/19 on waste electrical and electronic equipment (repealing 2002/96 by 14.2.2014).

2000/2037 means the EU Regulation 2000/37 on substances that deplete the ozone layer, which is the EU adoption of the Montreal Protocol.

96/29 means EU Directive 96/29/Euratom on basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation.

842/2006 is the EU Regulation 842/2006 on certain fluorinated greenhouse gases which is one of the measures to adopt the Kyoto Protocol on climate change.

Toys means EU Directive 2009/48 on the safety of toys.

REACH means EU Regulation 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals, especially its Annex XVII that contains the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles - former directive 76/769).

CL means the substance is on the REACH Candidate List (see footnote 1).

CL-I means the substance is on the "intention-list" for being put on the REACH Candidate List. Annex XIV means substance under Authorization listed within Annex XIV of REACH.

CMR 1,2, 3 and risk phrases according to EU regulation 1272/2008 on classification, labelling and packaging and its amendments.

GS means certification requirements of the German SGS mark "Geprüfte Sicherheit".

SIN-list means the "Substitute It Now" list developed and published by the International Chemical Secretariat (ChemSec) <http://list.chemsec.org>

Dodd-Frank means the U.S. Dodd-Frank Wall Street Reform and Consumer Protection Act, which on session 1502 introduces due diligence and disclosure requirements linked to the use of certain "conflict minerals" originating in the Democratic Republic of Congo or adjoining countries.

⁸ "homogeneous material" means one material of uniform composition throughout or a material, consisting of a combination of materials, that cannot be disjoined or separated into different materials by mechanical actions such as unscrewing, cutting, crushing, grinding and abrasive processes.

Definition of references in column “Properties”

A	Allergen
BA	Bio Accumulating
C	Carcinogenic
CS	Chemical Structure; due to known risks with similar chemicals
DE	Dangerous to the Environment
ED	Endocrine Disrupter
GW	Greenhouse Warming
HAT	High Aquatic Toxic
M	Mutagenic
NT	Neuro Toxic
OD	Ozone Depleting
POP	Persistent Organic Pollutant
R	Toxic to Reproduction
T	Toxic

Definition of Risk Phrases

A substance with the following risk phrases/hazard statements may be classified as:

Banned

R26; H330: Very toxic by inhalation
 R27; H310: Very toxic in contact with skin
 R28; H300: Very toxic if swallowed
 R29; EUH029: Contact with water liberates toxic gas
 R32; EUH032: Contact with acids liberates very toxic gas
 R33 H373: Danger of cumulative effects
 R39; H370: Danger of very serious irreversible effects
 R43; H317: May cause sensitisation by skin contact
 R45; H350: May cause cancer
 R46; H340: May cause heritable genetic damage
 R49; H350i: May cause cancer by inhalation
 R50; H400: Very toxic to aquatic organisms
 R53; H413: May cause long-term adverse effects in the aquatic environment
 R59; EUH059: Dangerous for the ozone layer
 R60; H360F: May impair fertility
 R61; H360D: May cause harm to the unborn child
 R64; H362: May cause harm to breastfed babies

Restricted

R23; H330: Toxic by inhalation
 R24; H311: Toxic in contact with skin
 R40; H351: Limited evidence of a carcinogenic effect
 R41; H318: Risk of serious damage to eyes
 R42; H334: May cause sensitisation by inhalation
 R48; H372: Danger of serious damage to health by prolonged exposure
 R51; H411: Toxic to aquatic organisms
 R62; H361D: Possible risk of impaired fertility
 R63; H361F: Possible risk of harm to the unborn child
 R68; H341: Possible risk of irreversible effects

ANNEX I

Mirka Ltd requirements for recycled plastics

Introduction

Use of recycled (post consumer) materials is necessary for establishing closed loop systems for products. There are several benefits with the use of recycled plastics;

- it reduces the use of limited natural resources
- it reduces the amount of waste ending up in the nature or going to landfill.
- it reduces the amount of carbon dioxide emitted in production of new plastic materials.

Mirka Ltd has requirements on restriction of use of chemicals in materials and components via its Restricted Materials List - RML. However, recycled plastics often have unknown origins which makes a full substance declaration according to the RML difficult. Instead a risk based approach has to be used.

These guidelines have the objective to promote the use of recycled plastic without compromising a high quality and environmental standards of Mirka Ltd products.

Legal Requirements

Recycled materials have to fulfil all applicable legal requirements.

Examples of potentially applicable laws are:

- **EU RoHS – Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment**
Ban of Pb, Cd, Hg, Cr(VI), PBBs and PBDEs. The maximum concentration value tolerated for lead, mercury, hexavalent chromium, PBB, and PBDE is 0.1% by weight in homogeneous materials and for cadmium is 0.01%.
- **EU Packaging Directive**
Lead, cadmium, mercury and hexavalent chromium are prohibited in packaging. Maximum concentration levels of 100 ppm were effective June 30, 2001. Concentration levels are calculated for each packaging component, not at the homogeneous material level required by RoHS.
- **EU REACH - Registration, Evaluation and Authorization of Chemicals**
Recyclers have to inform on the presence of candidate list substances as well as comply with the marketing and use restrictions of REACH (annex 17).
- **EU Regulation on Plastic Materials and Articles Intended to Come into Contact with Food**
Food contact plastic materials shall not transfer their constituents to food in quantities which could endanger human health, change unacceptably the composition or deteriorate organoleptic characteristics of the food. Specific requirements on manufacturing, labelling, composition and traceability apply.
- **EU Regulation on recycled plastic materials and articles intended to come into contact with foods**
Food contact recycled plastic materials shall only be placed on the market if they fulfil specific requirements for recycling process, material input streams and quality control.
- **U.S. FDA Food Contact Substance (FCS) Requirements**

The U.S. FDA requires that all FCS products are determined safe for their intended use before they are permitted for sale in the United States.

Mirka Ltd requirements

The following specific requirements apply to recycled plastics:

The substance declaration according to the RML for post consumer recycled plastics is not required as long as the following requirements are fulfilled:

1. A documented risk assessment must be approved before recycled plastic is used in an application, including the input from relevant stakeholders.
2. The content of mercury (Hg), lead (Pb), cadmium (Cd), chromium (Cr), cobalt (Co), nickel (Ni), tin (Sn), arsenic (As), and antimony (Sb), as well as bromine (Br) and chlorine (Cl) must be below 0.1 % (Cd 0.01 %) verified by analytical analysis, e.g. XRF.
3. All substances intentionally added during the processing (e.g. stabilizer, pigment, lubricants, compatibilizer or flame retardants) must comply with the RML.
4. Recycled materials used in articles intended to come into contact with food must fulfil all legal requirements.
5. Fluorinated plastics must not be intentionally added
6. Recycled PVC must not be used

The following recommendations apply to recycled plastic:

1. Suppliers should declare the origin of the recycled plastic to facilitate a risk assessment regarding contamination.
2. Fibre reinforced recycled material should be avoided due to risks of contamination of asbestos or other refractory ceramic fibres.

ANNEX II

Examples of substances within RML Groups (not exhaustive)

Substance Name	Main Identifier
RoHS substances	
Cadmium and its compounds	
Cadmium and its compounds	7440-43-9
Cadmium (non-pyrophoric)	7440-43-9
Cadmium (pyrophoric)	7440-43-9
Cadmium chloride	10108-64-2
Cadmium fluoride	7790-79-6
Cadmium oxide (non pyrophoric)	1306-19-0
Cadmium sulphate	10124-36-4
Cadmium sulphide	1306-23-6
Chromium (6+) compounds	
Chromic oxychloride; Chromyl dichloride	14977-61-8
Chromium III chromate; Dichromium tris(chromate); Chromic chromate	24613-89-6
Chromium trioxide	1333-82-0
Calcium chromate	13765-19-0
Chromic acid	7738-94-5
Dichromic acid	13530-68-2
Oligomers of chromic and dichromic acid	several
Potassium chromate	7789-00-6
Sodium chromate	7775-11-3
Strontium chromate; Pigment yellow 32	7789-06-2
Ammonium dichromate	7789-09-5
Potassium dichromate	7778-50-9
Sodium dichromate	10588-01-9
Sodium dichromate, dihydrate	7789-12-0
Zinc chromates including zinc potassium chromate	13530-65-9
Pentazinc chromate octahydroxide	49663-84-5
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
Pyridinium dichromate	20039-37-6
Copper chromite; Nitric acid, barium salt, reaction products with ammonia, chromic acid (H ₂ CrO ₄) diammonium salt and copper(2+) dinitrate, calcined	99328-50-4
Trisodium bis(7-acetamido-2-(4-nitro-2-oxidophenylazo)-3-sulphonato-1-naphtholato) chromate(1-)	EC400-810-8
Lead and its compounds	
Lead and its compounds	7439-92-1
Lead compounds, organic	NOCAS0013
Lead alkyls	NOCAS0020
Tetramethyllead	75-74-1
Tetraethyllead	78-00-2
Lead compounds, inorganic	NOCAS0014
Lead acetate, basic; Lead subacetate	1335-32-6
Lead(II) acetate, basic; Acetic acid, lead salt, basic	51404-69-4
Lead di(acetate)	301-04-2
Lead tetraacetate	546-67-8
Fatty acids, C16-18, lead salts	91031-62-8
Lead hydrogen arsenate	7784-40-9
Lead azide	13424-46-9
Lead diazide	13424-46-9
Lead dichloride	7758-95-4
Lead carbonate, neutral anhydrous; PbCO ₃	598-63-0
Lead dinitrate	10099-74-8
Trilead-bis(carbonate)-dihydroxide 2 Pb CO ₃ -Pb(OH) ₂	1319-46-6
Trilead dioxide phosphonate	12141-20-7
Lead monoxide	1317-36-8
Lead dioxide; lead brown	1309-60-0
Trilead tetroxide; orange lead	1314-41-6
Trilead dioxo distearate; Dioxobis(stearato)trilead	12578-12-0
Tetralead trioxide sulphate	12202-17-4
Pentalead tetraoxide sulphate	12065-90-6
Antimony lead oxide; Antimony lead yellow; Pyrochlore	8012-00-8
Lead titanium trioxide	12060-00-3
Lead titanium zirconium oxide	12626-81-2
Lead(II) methanesulphonate	17570-76-2
Trilead bis(orthophosphate)	7446-27-7
Copper Lead Resorcyate Salicylate Complex	68411-07-4
Lead cyanamidate	20837-86-9
Lead dipicrate	6477-64-1
Dibasic lead phthalate; (2-Dioxotrilead) phthalate	69011-06-9

Lead hexafluorosilicate	25808-74-6
Lead metasilicate; Silicic acid, lead salt; PbSiO ₃	11120-22-2
Silicic acid, lead nickel salt	68130-19-8
Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped	68784-75-8
Basic lead carbonate	1319-46-6
Neutral anhydrous carbonate (PbCO ₃)	598-63-0

Substance Name	Main identifier
Lead 2,4,6-trinitro-m-phenylene dioxide; Lead 2,4,6-trinitroresorcinoid; Lead styphnate	15245-44-0
Lead sulphate; Pb SO ₄	7446-14-2
Lead oxide sulphate; Basic lead sulphate	12036-76-9
Lead sulfite; Sulfurous acid, lead salt, dibasic; PbSO ₃	62229-08-7
Lead bis(tetrafluoroborate)	13814-96-6 13814-96-5
Lead chromate	7758-97-6
Lead sulfochromate yellow; Pigment yellow 34	1344-37-2
Lead chromate molybdate Sulfate Red; Pigment Red 104	12656-85-8
Mercury and its compounds	
Mercury and its compounds	7439-97-6
Mercuric chloride	7487-94-7
Mercury dichloride	7487-94-7
PBBs (polybrominated biphenyls)	
All, 209 congeners	27479-65-8
4,4'-Dibromo-1,1'-biphenyl	92-86-4
Hexabromobiphenyl; Hexa BB	36355-01-8
Decabromobiphenyl; Deca BB	13654-09-6
PBDEs (polybrominated diphenylethers)	
Decabromodiphenylether; Deca BDE	1163-19-5
Dibromodiphenylether; Di BDE	2050-47-7
Heptabromodiphenylether; Hepta BDE	68928-80-3
Hexabromodiphenylether; Hexa BDE	36483-60-0
Nonabromodiphenylether; Nona BDE	63936-56-1
Octabromodiphenylether; Octa BDE	32536-52-0
Pentabromodiphenylether; Penta BDE	32534-81-9
Tetrabromodiphenylether; Tetra BDE	40088-47-9
Tribromodiphenylether; Tri BDE	49690-94-0

SVHC (Substances of Very High Concern) in the REACH process

Substances needing authorisation (annex 14)	
1-Bromopropane (n-propyl bromide)	106-94-5
Diisopentylphthalate	605-50-5
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
Bis(2-methoxyethyl) phthalate	117-82-8
Dipentyl phthalate (DPP)	131-18-0
N-pentyl-isopentylphthalate	776297-69-9
Anthracene oil	90640-80-5
Pitch, coal tar, high temperature	65996-93-2
4-Nonylphenol, branched and linear, ethoxylated	several, e.g. 84852-15-3
Boric acid	10043-35-3
Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3
Diboron trioxide	1303-86-2
Tetraboron disodium heptaoxide, hydrate	12267-73-1
Cadmium fluoride	7790-79-6
Cadmium sulphate	10124-36-4;
1,2Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
DBP; perboric acid, sodium salt	several
Sodium peroxometaborate	7632-04-4
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannaretradecanoate (DOTE)	15571-58-1
2-(2H-benzotriazol-2-yl)4,6-ditertpentylphenol (UV-328)	25973-55-1
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	15571-58-1 27107-89-7
Bis(2-ethylhexyl) phthalate; Di-(2-ethylhexyl) phthalate; DEHP	117-81-7
Arsenic acid	1327-52-2
Diarsenic pentoxide; Arsenic oxide	1303-28-2

Diarsenic trioxide; Arsenic trioxide	1327-53-3
Benzyl butyl phthalate; BBP	85-68-7
Dibutyl phthalate; DBP	84-74-2
Di-isobutyl phthalate; DIBP	84-69-5
Hexabromocyclododecane and all major diastereomers identified; HBCDD	25637-99-4
1,2,5,6,9,10-Hexabromocyclododecane; HBCDD	3194-55-6
Alpha-hexabromocyclododecane; a-HBCDD	134237-50-6
Beta-hexabromocyclododecane; b-HBCDD	134237-51-7
Gamma-hexabromocyclododecane; g-HBCDD	134237-52-8
Ethylene dichloride; 1,2-Dichloroethane	107-06-2
Tris(2-chloroethyl)phosphate; TCEP	115-96-8
Trichloroethylene; Trichloroethene	79-01-6
4,4'-Diaminodiphenylmethane; 4,4'-Methylenedianiline; MDA	101-77-9
2,2'-Dichloro-4,4'-methylenedianiline; 4,4'-Methylene-bis-(2-chloroaniline); MOCA	101-14-4
Musk xylene; 5-tert-butyl-2,4,6-trinitro-m-xylene; 1-tert Butyl-3,5-dimethyl-2,4,6-trinitrobenzene	81-15-2
Bis(2-methoxyethyl) ether	111-96-6
2,4-Dinitrotoluene	121-14-2
Formaldehyde, oligomeric reaction product with aniline; technical MDA	25214-70-4
Lead chromate	7758-97-6
Lead chromate molybdate Sulfate Red; Pigment Red 104	12656-85-8
Lead sulfochromate Yellow; Pigment Yellow 34	1344-37-2
Chromium trioxide	1333-82-0
Chromic acid	7738-94-5
Dichromic acid	13530-68-2
Oligomers of chromic and dichromic acid	several
Chromium III chromate; Dichromium tris(chromate); Chromic chromate	24613-89-6
Potassium chromate	7789-00-6
Sodium chromate	7775-11-3
Strontium chromate; Pigment yellow 32	7789-06-2
Ammonium dichromate	7789-09-5
Sodium dichromate	10588-01-9
Potassium dichromate	7778-50-9
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
Pentazinc chromate octahydroxide	49663-84-5
Substances on the candidate list (all)	
4,4'-isopropylidenediphenol, Bisphenol A; BPA	80-05-7
4-heptylphenol, branched and linear	-
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-
Nonadecafluorodecanoic acid	335-76-2
Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3
Ammonium nonadecafluorodecanoate	3108-42-7
p-(1,1-dimethylpropyl)phenol	80-46-6
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8
1,3-propanesultone	1120-71-4
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
Nitrobenzene	38-95-3
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-
DBP; perboric acid, sodium salt	several
2-(2H-benzotriazol-2-yl)4,6-ditertpentylphenol (UV-328)	25973-55-1
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl4-[[2-	-
Bis(2-ethylhexyl) phthalate; Di-(2-ethylhexyl) phthalate; DEHP	117-81-7
Diarsenic pentoxide; Arsenic oxide	1303-28-2
Diarsenic trioxide; Arsenic trioxide	1327-53-3
Triethyl arsenate	15606-95-8
Arsenic acid and its salts	7440-38-2
Calcium arsenate	7778-44-1
Trilead diarsenate	3687-31-8
Cadmium	7440-43-9
Cadmium oxide	1306-19-0
Cadmium chloride	10108-64-2
Cadmium fluoride	7790-79-6
Cadmium sulphate	10124-36-4;
Cadmium sulphide	1306-23-6
Chromium trioxide	1333-82-0
Chromic acid	7738-94-5
Dichromic acid	13530-68-2
Oligomers of chromic and dichromic acid	several
Potassium chromate	7789-00-6

Sodium chromate	7775-11-3
Ammonium dichromate	7789-09-5
Sodium dichromate	10588-01-9
Potassium dichromate	7778-50-9
Cobalt diacetate	71-48-7
Cobalt carbonate	513-79-1
Cobalt dichloride	7646-79-9
Cobalt dinitrate	10141-05-6
Cobalt sulphate	10124-43-3
Lead azide; Lead diazide	13424-46-9
Lead hydrogen arsenate	7784-40-9
Lead chromate molybdate Sulfate Red; Pigment Red 104	12656-85-8
Lead sulfochromate Yellow; Pigment Yellow 34	1344-37-2
Lead chromate	7758-97-6
Lead dipicrate	6477-64-1
Lead monoxide	1317-36-8
Trilead tetroxide; orange lead	1314-41-6
Trilead-bis(carbonate)-dihydroxide 2 Pb CO ₃ -Pb(OH) ₂	1319-46-6
Lead oxide sulphate; Basic lead sulphate	12036-76-9
Lead titanium trioxide	12060-00-3
Lead titanium zirconium oxide	12626-81-2
Lead bis(tetrafluoroborate)	13814-96-6 13814-96-5
Lead 2,4,6-trinitro-m-phenylene dioxide; Lead 2,4,6-trinitroresorcinoxide; Lead styphnate	15245-44-0
Lead(II) bis(methanesulphonate)	17570-76-2
Tetraethyllead	78-00-2
Lead cyanamidate	20837-86-9
Lead dinitrate	10099-74-8
Fatty acids, C16-18, lead salts	91031-62-8
Lead sulfite; Sulfurous acid, lead salt, dibasic; PbSO ₃	62229-08-7
Trilead dioxide phosphonate	12141-20-7
Trilead dioxo distearate; Dioxobis(stearato)trilead	12578-12-0
Tetralead trioxide sulphate	12202-17-4
Pentalead tetraoxide sulphate	12065-90-6
Antimony lead oxide; Antimony lead yellow; Pyrochlore	8012-00-8
Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped	68784-75-8
Lead metasilicate; Silicic acid, lead salt; PbSiO ₃	11120-22-2
Lead di(acetate)	301-04-2
Lead(II) acetate, basic; Acetic acid, lead salt, basic	51404-69-4
Dibasic lead phthalate; (2-Dioxotrilead) phthalate	69011-06-9
Diboron trioxide; Boric oxide	1303-86-2
Boric acid	10043-35-3
Tetraboron disodium heptaoxide, hydrate	12267-73-1
Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3
Sodium peroxometaborate	7632-04-4
Perboric acid sodium salt; Perboric acid sodium salt monohydrate	10332-33-9; 12040-72-1
Aluminosilicate, refractory ceramic fibres	Several
Zirconia Aluminosilicate, refractory ceramic fibres	Several
Bis(tributyltin)oxide; TBTO	56-35-9
Dibutyltin dichloride; DBTC	683-18-1
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannaretradecanoate (DOTE)	15571-58-1
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	15571-58-1 27107-89-7
Benzyl butyl phthalate; BBP	85-68-7
Dibutyl phthalate; DBP	84-74-2
Di-isobutyl phthalate; DIBP	84-69-5
Di-n-pentyl phthalate	131-18-0
Dialkyl-(C7-C11) phthalate; 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters; DHNUP	68515-42-4
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich; Dialkyl-(C6-C8 branched) phthalate; DIHP	71888-89-6
Bis(2-ethylhexyl) phthalate; Di-(2-ethylhexyl) phthalate; DEHP	117-81-7
Bis(2-methoxyethyl) phthalate (DEHP)	117-82-8
Diisopentyl phthalate; DIPP	605-50-5
Dipentyl phthalate, branched and linear; 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear; DPP	84777-06-0
n-Pentyl-isopentyl phthalate	776297-69-9
Di-n-hexyl phthalate; DHP	84-75-3
1,2Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5, 68648-93-1
Anthracene	120-12-7
Anthracene oil	90640-80-5
Anthracene oil, anthracene paste	90640-81-6
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
Anthracene oil, anthracene paste, distn. Lights	91995-17-4
Anthracene oil, anthracene-low	90640-82-7
Pitch, coal tar, high temperature	65996-93-2

Acrylamide; Prop-2-enamide	79-06-1
2-Ethoxyethanol; Ethyleneglycol monoethylether; Ethylglycol	110-80-5
2-Ethoxyethyl acetate; Ethylglycol acetate	111-15-9
1,2-Diethoxyethane; Ethyleneglycol diethylether; EGDEE	629-14-1
2-Methoxyethanol; Ethyleneglycolmonomethylether	109-86-4
Methoxyacetic acid	625-45-6
1,2-Dimethoxyethane; Ethyleneglycol dimethylether; EGDME	110-71-4
Triethylene glycol dimethyl ether; Triglyme; 1,2-Bis(2-methoxyethoxy)ethane; TEGDME	112-49-2
Hydrazine	302-01-2
Formamide	75-12-7
Dimethylformamide; N,N-Dimethylformamide; DMF	68-12-2
N,N-Dimethylacetamide; DMA	127-19-5
N-Methylacetamide	79-16-3
Diazene-1,2-dicarboxamide; C,C'-azodi(formamide)	123-77-3
4,4'-Diaminodiphenylmethane; 4,4'-Methylenedianiline; MDA	101-77-9
2-Methoxyaniline; o-Anisidin	90-04-0
Musk xylene; 5-tert-butyl-2,4,6-trinitro-m-xylene; 1-tert Butyl-3,5-dimethyl-2,4,6-trinitrobenzene	81-15-2
2,4-Dinitrotoluene	121-14-2
N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone; NMP	872-50-4
Dimethyl sulphate	77-78-1
Diethyl sulphate	64-67-5
Furan	110-00-9
3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
Ethylene thiourea; 2-Imidazoline-2-thiol; Imidazolidine-2-thione	96-45-7
Propylene oxide; 1,2-Epoxypropane; Methyloxirane	75-56-9
1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione; TGIC	2451-62-9
β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6
Phenolphthalein; 3,3-Bis(p-hydroxyphenyl)phthalide	77-09-8
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
4-(1,1,3,3-Tetramethylbutyl)phenol ; 4-tert-Octylphenol	140-66-9
4-(1,1,3,3-Tetramethylbutyl)phenol ethoxylated; 4-tert-Octylphenol ethoxylates	several
4-Nonylphenol, branched and linear, all isomers with a carbon number of 9	several, e.g. 84852-15-3
4-Nonylphenol, branched and linear, ethoxylated	several, e.g. 84852-15-3
Short chain chlorinated paraffins; SCCPs; C10-13 Chloroalkanes; Alkanes, C10-13, chloro	85535-84-8
Hexabromocyclododecane and all major diastereomers identified; HBCDD	25637-99-4
Decabromodiphenylether; Deca BDE	1163-19-5
1-Bromopropane; n-Propyl bromide	106-94-5
Trichloroethylene; Trichloroethene	79-01-6
1,2,3-Trichloropropane	96-18-4
Tris(2-chloroethyl)phosphate; TCEP	115-96-8
Triethyl phosphate	25155-23-1
Heptacosafuorotetradecanoic acid	376-06-7
Pentacosafuorotridecanoic acid	72629-94-8
Henicosafluoroundecanoic acid	2058-94-8
Tricosafuorododecanoic acid	307-55-1
Perfluorooctanoic acid; Pentadecafluorooctanoic acid; PFOA	335-67-1
Ammonium salt of PFOA; Ammonium pentadecafluorooctanoate; APFO	3825-26-1
Hexahydromethylphthalic anhydride	25550-51-0
Hexahydro-4-methylphthalic anhydride	19438-60-9
Hexahydro-1-methylphthalic anhydride	48122-14-1
Hexahydro-3-methylphthalic anhydride	57110-29-9
Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
cis-Cyclohexane-1,2-dicarboxylic anhydride	13149-00-3
trans-Cyclohexane-1,2-dicarboxylic anhydride	14166-21-3
Dinoseb; 2-(1-Methylpropyl)-4,6-dinitro-phenol; Dinoseb, its salts and esters	88-85-7
4,4'-Methylenedi-o-toluidine; 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
4,4'-Oxydianiline and its salts; bis(p-Aminophenyl) ether and its salts	101-80-4
4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3
p-Cresidine; 6-Methoxy-m-toluidine	120-71-8
4-Methyl-m-phenylenediamine; 2,4-Toluenediamine	95-80-7
2-Aminotoluene; o-Toluidine	95-53-4
4-Aminobiphenyl; Biphenyl-4-ylamine; Xenylamine	92-67-1
2-Aminoazotoluene; 4-o-Tolylazo-o-toluidine; 4-Amino-2',3-dimethylazobenzene; Fast garnet GBC base; AAT	97-56-3
N,N,N',N'-Tetramethyl-4,4'-methylenedianiline; Michler's base	101-61-1
4,4'-Bis(dimethylamino)benzophenone; Michler's ketone	90-94-8
C.I. Basic Violet 3; Crystal violet; 4-[4,4'-bis(Dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride; only if Michler's ketone or base > 0.1 %	548-62-9
Direct black 38; Disodium 4-amino 3-[[4'-[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphtalene-2,7-disulphonate	1937-37-7
Direct Red 28; Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)	573-58-0
Solvent Blue 4; (α,α -bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol) ; only if Michler's ketone or base > 0.1 %	6786-83-0
Solvent Violet 8; (4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol) ; only if Michler's ketone or base > 0.1 %	561-41-1
Basic Blue 26; ([4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride) ; only if Michler's ketone or base > 0.1 %	2580-56-5

Substances on the Registry for current SVHC intention	
Further Arsenic compounds	many
Sodium perborate	15120-21-5
Distillates (coal tar), heavy oils	90640-86-1
Distillates (coal tar), heavy oils, pyrene fraction	91995-42-5
Distillates (coal tar), pitch, pyrene fraction	91995-52-7
Residues (coal tar), pitch distn.	92061-94-4
1,4-Benzenediamine, N,N'-mixed phenyl and xylyl derivatives (BENPATAX)	68953-83-3
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivatives (BENPAT)	68953-84-4
1,4-Benzenediamine, N,N'-mixed tolyl and xylyl derivatives (BENTAX)	68478-45-5
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
1,3-Propanesultone	1120-71-4
Nitrobenzene	98-95-3

CMR 1A&1B (Carcinogenic, Mutagenic, Reproduction toxic substances, formerly CMR 1 or 2)

Aromatic amines classified as CMR category 1A or 1B including their salts	
1-(2-Amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride; [containing $\geq 0,1$ % 4-chloroaniline (EC No 203-401-0)]	214353-17-0
1,4,5,8-Tetraamino-9,10-anthracenedione; Tetraaminoanthraquinone; Disperse blue 1	2475-45-8
2,2'-Dichloro-4,4'-methylenedianiline; 4,4'-Methylene-bis-(2-chloroaniline)	101-14-4
2,4,5-Trimethylaniline	137-17-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5
2,4-Diaminoanisole sulphate	39156-41-7
2,4-Diaminoanisole; 4-Methoxy-m-phenylenediamine	615-05-4
2-Acetylaminofluoren	53-96-3
2-Aminoazotoluene; 4-o-Tolylazo-o-toluidine; 4-Amino-2',3'-dimethylazobenzene; Fast garnet GBC base; AAT	97-56-3
2-Aminotoluene; o-Toluidine	95-53-4
2-Methoxyaniline; o-Anisidin	90-04-0
2-Naphthylamine hydrochloride	612-52-2
2-Naphthylamine, acetate	553-00-4
2-Naphthylamine; b-Naphthylamine	91-59-8
3,3'-Diaminobenzidine; Biphenyl-3,3', 4,4'-tetrayltetraamine	91-95-2
3,3'-Dichlorobenzidine bisulphate (1:2)	64969-34-2
3,3'-Dichlorobenzidine dihydrochloride	612-83-9
3,3'-Dichlorobenzidine sulphate (1:1)	74332-73-3
3,3'-Dichlorobenzidine; 3,3'-Dichlorobiphenyl-4,4'-ylenediamine	91-94-1
3,3'-Dimethoxybenzidine dihydrochloride	20325-40-0
3,3'-Dimethoxybenzidine; o-Dianisidine	119-90-4
3,3'-Dimethylbenzidine dihydrochloride; o-Tolidine dihydrochloride	64969-36-4
3,3'-Dimethylbenzidine sulphate (1:1); o-Tolidine sulfate	612-82-8
3,3'-Dimethylbenzidine; 4,4'-bi-o-Toluidine	119-93-7
3-Amino-9-ethyl carbazole; 9-Ethylcarbazol-3-ylamine	132-32-1
4,4',4''-Triaminotriphenylmethan-hydrochloride; 4,4'-(4-iminocyclohexa-2,5-dienylidenemethylene)dianiline hydrochloride; Basic red 9	569-61-9
4,4'-Thiodianiline	139-65-1
4,4'-Bis(dimethylamino)benzophenone; Michler's ketone	90-94-8
4,4'-Methylenedi-o-toluidine; 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
4,4'-Oxydianiline and its salts; bis(p-Aminophenyl) ether and its salts	101-80-4
4,4'-Thiodianiline and its salts	139-65-1
4-Amino-3-fluorophenol	399-95-1
4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3
4-Aminobiphenyl; Biphenyl-4-ylamine; Xenylamine	92-67-1
4-Chloroaniline	106-47-8
4-Chloro-o-toluidine	95-69-2
4-Chloro-o-toluidine hydrochloride	3165-93-3
4-Methyl-m-phenylenediamine sulphate; Toluene-2,4-diammonium sulphate	65321-67-7
4-Methyl-m-phenylenediamine; 2,4-Toluenediamine	95-80-7
Aniline	62-53-3
Benzidine acetate	36341-27-2
Benzidine and its derivatives	92-87-5
Benzidine dihydrochloride	531-85-1
Benzidine sulfate	21136-70-9
Benzidine sulfate (1:1)	531-86-2
Benzidine; 4,4'-Diaminobiphenyl; 1,1'-Biphenyl-4,4'-diamine; Biphenyl-4,4'-ylenediamine	92-87-5
Diaminotoluene, technical product- mixture of [2] and [3] methyl-phenylenediamine [1] 4-methyl-m-phenylene diamine [2] 2-methyl-m-phenylene diamine [3]	2469-10-3
Diaminotoluene, technical product; mixture of 2-Methyl-m-phenylenediamine and 4-Methyl-m-phenylenediamine	95-80-7
Formaldehyde, oligomeric reaction product with aniline; technical MDA	25214-70-4
N,N,N',N'-Tetramethyl-4,4'-methylenedianiline	101-61-1
N,N'-Diacetylbenzidine	613-35-4
p-Cresidine; 6-Methoxy-m-toluidine	120-71-8
Salts of 2,2'-Dichloro-4,4'-methylenedianiline	64049-29-2
Salts of 2-Naphthylamine	91-59-8
Salts of 3,3'-Dichlorobenzidine; Salts of 3,3'-Dichlorobiphenyl-4,4'-ylenediamine	91-94-1
Salts of 3,3'-Dimethoxybenzidine; Salts of o-Dianisidine	119-90-4
Salts of 3,3'-Dimethylbenzidine	119-93-7

Salts of 4,4'-bi-o-toluidine; Salts of o-Tolidine	119-93-7
4,4'-Bi-o-toluidine sulphate	119-93-7
Salts of 4-Aminobiphenyl; Salts of biphenyl-4-ylamine; Salts of Xenylamine	2113-61-3
Salts of Aniline	62-53-3
Salts of Benzidine	92-87-5
Salts of o-Tolidine	119-93-7
1,4-Benzenediamine, N,N'-mixed phenyl and xylyl derivatives (BENPATAx)	68953-83-3
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivatives (BENPAT)	68953-84-4
1,4-Benzenediamine, N,N'-mixed tolyl and xylyl derivatives (BENTAx)	68478-45-5
Dyes and pigments containing CMR 1A or 1B classified aromatic amines, formerly CMR 1&2	
(6-(4-Hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino)-1,3,5-triazin-2,4-diy)bis((amino-1-methylethyl)-ammonium) formate; Cartasol Brillantscharlach	108225-03-2
2-[2-Hydroxy-3-(2-chlorophenyl)carbamoyl-1-naphthylazo]-7-[2-hydroxy-3-(3-methylphenyl)-carbamoyl-1-naphthylazo]fluoren-9-one	151798-26-4
4,4'-Diaryloxy-3,3'-dimethoxybiphenyl dyes, with the exception of those mentioned elsewhere in Annex 1 to directive 67/548/EEC	Several
4,4'-Diaryloxy-3,3'-dimethylbiphenyl dyes, with the exception of those mentioned elsewhere in Annex 1 to directive 67/548/EEC	Several
4-Amino-2',3'-dimethylazobenzene; Fast garnet GBC base	97-56-3
4-Dimethylaminoazobenzene; Solvent yellow 2	60-11-7
Azobenzene	103-33-3
Benzidine based azo dyes	Several
Diazodyes and pigments with aromatic amines CMR 1 or 2	Several
Direct black 38; Disodium 4-amino 3'-[[4'-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate	1937-37-7
Direct Blue 6; Tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxynaphthalene-2,7-disulphonate; 3,3'-((4,4'-biphenylene)bis(azo))bis(5-amino-4-hydroxy)-2,7-naphthalene-disulfonic acid tetrasodium salt	2602-46-2
Direct brown 95; Disodium {5-[[4'-(2,6-hydroxy-3-(2-hydroxy-5-sulphophenyl)azo)phenyl]azo](1,1'-biphenyl)-4-yl]azo}salicylato(4-))cuprate(2-)	16071-86-6
Direct red 28; Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diyl bis(azo)]bis[4-aminonaphthalene-1-sulphonate]	573-58-0
Disperse orange 149; 6-Hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile	85136-74-9
Food red 5; 2,7-Naphthalenedisulfonic acid, 4-[[2,4-dimethylphenyl]azo]-3-hydroxy-, disodium salt	3761-53-3
o-Dianisidine based azodyes; 4,4'-diaryloxy-3,3'-dimethoxybiphenyl dyes	Several
o-Tolidine based azodyes; 4,4'-diaryloxy-3,3'-dimethylbiphenyl dyes	Several
Pigment Brown 22; [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis(2,4-dinitrophenyl)-3,3'-dimethoxy-	29398-96-7
Pigment Orange 13; Permanent Orange G; 4,4'-[[3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one]	3520-72-7
Pigment yellow 13; 2,2'-[[3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxobutyramide]	5102-83-0
Pigment Yellow 14; Permanent Yellow G; 2,2'-[[3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(2-methylphenyl)-3-oxobutyramide]	5468-75-7
Pigment yellow 83; 2,2'-[[3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide]	5567-15-7
Reactive Yellow 138:1; (Methylenebis(4,1-phenylenazo(1-(3-(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diy)))1,1'-dipyridinium dichloride dihydrochloride	118658-99-4
Solaminlichtblau; Trisodium [4'-(8-acetylamino-3,6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-sulfonato-2-naphthylazo)-biphenyl-1,3',3'',1'''-tetraolato-O,O',O'',O''']copper(II)	164058-22-4
Solvent Blue 4; (α,α-bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol) ; only if Michler's ketone or base > 0.1 %	6786-83-0
Solvent Violet 8; (4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol) ; only if Michler's ketone or base > 0.1 %	561-41-1
Basic Blue 26; ((4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene)dimethylammonium chloride) ; only if Michler's ketone or base > 0.1 %	2580-56-5
(Methylenebis(4,1-phenylenazo(1-(3-(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diy)))1,1'-dipyridinium dichloride dihydrochloride	
Refractory ceramic fibers / asbestos	
Refractory ceramic fibres	142844-00-6
Synthetic vitreous fibers	142844-00-6
Mineral fibers(length < 5 µm, diamr < 3 µm when (length)/(diameter) > 3)	142844-00-6
Aluminosilicate, refractory ceramic fibres	Several
Zirconia Aluminosilicate, refractory ceramic fibres	Several
Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na 2 O +K 2 O +CaO +MgO +BaO) content less or equal to 18 % by weight	Several
Special Purpose Fibres, with the exception of those specified elsewhere in Annex I to Directive 67/548/EEC	Several
Asbestos	1332-21-4
Actinolite; Asbestos	77536-66-4
Amosite; Asbestos	12172-73-5
Antophyllite; Asbestos	77536-67-5
Chrysotile; Asbestos	12001-29-5
Crocidolite; Asbestos	12001-28-4
Tremolite; Asbestos	1332-21-4
Erionite	12510-42-8
PAHs classified as CMR 1A or 1B, formerly CMR 1&2	
3-Methylcholanthrene; '20-Methylcholanthrene	56-49-5
5-Nitroacenaphthene	602-87-9
Benzo[a]anthracene	56-55-3
Benzo[a]pyrene; Benzo[d,e,f]chrysene	50-32-8
Benzo[b]fluoranthene; Benz[e]acephenanthrylene	205-99-2
Benzo[c]phenanthrene	195-19-7
Benzo[e]pyrene	192-97-2
Benzo[j]fluoranthene	205-82-3
Benzo[k]fluoranthene	207-08-9
Benzo[rs]t]pentaphene; Dibenzo[a,i]pyrene	189-55-9
Chrysene	218-01-9
Creosote	8001-58-9
Creosote oil	61789-28-4

Creosote oil, acenaphthene fraction	90640-84-9
Distillates (coal tar) naphthalene oils. Acenaphthene fraction, anthracene oil, crude coal tar acids, wood creosote, alkaline low temperature tar oil	Several
Dibenzo[a,e]pyrene; Naphtho[1,2,3,4-def]chrysene	192-65-4
Dibenzo[a,h]anthracene	53-70-3
Dibenzo[a,h]pyrene; Dibenzo[b,def]chrysene	189-64-0
Dibenzo[a,l]pyrene; Dibenzo[def,p]chrysene	191-30-0
Distillates (coal tar), heavy oils, pyrene fraction	91995-42-5
Distillates (coal tar), pitch, pyrene fraction	91995-52-7
Distillates, coal tar, heavy oils	90640-86-1
Gases, tars and petroleum distillates if they contain benzo[a]pyrene > 50 ppm	Several
Indeno[1,2,3-cd]pyrene	193-39-5
Residues (coal tar), pitch distn.	92061-94-4
Anthracene oil	90640-80-5
Anthracene oil, anthracene paste	90640-81-6
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
Anthracene oil, anthracene paste, distn. Lights	91995-17-4
Anthracene oil, anthracene-low	90640-82-7
Pitch, coal tar, high temperature	65996-93-2
Various tars and petroleum distillates	Several
CMR 1A&1B others - Arsenic and its compounds, formerly CMR1&2	
Diarsenic pentoxide; Arsenic oxide	1303-28-2
Diarsenic trioxide; Arsenic trioxide	1327-53-3
Triethyl arsenate	15606-95-8
Arsenic acid	1327-52-2
Arsenic acid and its salts	7440-38-2
Calcium arsenate	7778-44-1
Iron arsenate	10102-49-5
Trisodium arsenate	13464-38-5
Trilead diarsenate	3687-31-8
Gallium arsenide	1303-00-0
Further Arsenic compounds	many
CMR 1A&1B others - Cadmium and its compounds (see RoHS substances) , formerly CMR1&2	
CMR 1A&1B others - Chromium (6+) compounds (see RoHS substances), formerly CMR1&2	
CMR 1A&1B others - Cobalt and its compounds, formerly CMR1&2	
Cobalt diacetate	71-48-7
Cobalt carbonate	513-79-1
Cobalt dichloride	7646-79-9
Cobalt dinitrate	10141-05-6
Cobalt sulphate	10124-43-3
CMR 1A&1B others - Lead and its compounds (see RoHS substances), formerly CMR1&2	
CMR 1A&1B others - Mercury and its compounds - see RoHS substances, formerly CMR1&2	
CMR 1A&1B others - Nickel, formerly CMR1&2	
(2-Ethylhexanoato-O)(isodecanoato-O) nickel	84852-39-1
(2-Ethylhexanoato-O)(isononanoato-O) nickel	85508-45-8
(2-Ethylhexanoato-O)(neodecanoato-O) nickel	85135-77-9
(Isodecanoato-O)(isononanoato-O) nickel	84852-36-8
(Isodecanoato-O)(isooctanoato-O) nickel	85166-19-4
(Isononanoato-O)(isooctanoato-O) nickel	85508-46-9
(Isononanoato-O)(neodecanoato-O) nickel	85551-28-6
(Isooctanoato-O)(neodecanoato-O) nickel	84852-35-7
[Carbonato(2-)] terahydroxytrinickel	12607-70-4
[μ-[carbonato(2-)-O-O']] dihydroxy trinickel	65405-96-1
2,7-Naphthalenedisulfonic acid, nickel(II) salt	72319-19-8
2-Ethylhexanoic acid, nickel salt	7580-31-6
Basic Nickel carbonate	3333-67-3
Bis(d-gluconato-O1,O2) nickel	71957-07-8
Bunsenite (Nickel monoxide)	34492-97-2
Carbonic acid, nickel salt	16337-84-1
Citric acid, ammonium nickel salt	18283-82-4
Citric acid, nickel salt	22605-92-1
Cobalt dimolybdenum nickel octaoxide	68016-03-5
Cobalt lithium nickel oxide	EC 442-750-5
Cobalt nickel dioxide	58591-45-0
Cobalt nickel gray periclas; Pigment Black 25	68186-89-0
Cobalt nickel oxide	12737-30-3
Dialuminium nickel tetraoxide	12004-35-2
Dimethylhexanoic acid nickel salt	93983-68-7
Dinickel boride	12007-01-1
Dinickel diphosphate	14448-18-1
Dinickel hexacyanoferrate	14874-78-3
Dinickel orthosilicate	13775-54-7
Dinickel phosphide	12035-64-2
Dinickel silicide	12059-14-2
Dinickel trioxide	1314-06-3
Diphosphoric acid, nickel(II) salt	19372-20-4
Ethyl hydrogen sulfate, nickel(II) salt	71720-48-4
Fatty acids, C6-19-branched, nickel salts	91697-41-5
Fatty acids, C8-18 and C18-unsaturated, nickel salts	84776-45-4
Formic acid copper nickel salt	68134-59-8

Heazlewoodite (Ni subsulfide)	12035-71-1
Lithium nickel dioxide	12031-65-1
Millerite (Nickel (II) sulfide)	1314-04-1
Molybdenum nickel hydroxide oxide phosphate	68130-36-9
Molybdenum nickel oxide	12673-58-4
Molybdenum nickel tetraoxide	14177-55-0
Neodecanoic acid, nickel salt	51818-56-5
Nickel (II) sulfide	16812-54-7
Nickel 3,5-bis(tert-butyl)-4-hydroxybenzoate (1:2)	52625-25-9
Nickel arsenide	27016-75-7
Nickel barium titanium primrose priderite; Pigment Yellow 157	68610-24-2
Nickel bis(2-ethylhexanoate)	4454-16-4
Nickel bis(4-cyclohexybutyrate)	3906-55-6
Nickel bis(benzenesulfonate)	39819-65-3
Nickel bis(dihydrogen phosphate)	18718-11-1
Nickel bis(isononanoate)	84852-37-9
Nickel bis(phosphinate)	14507-36-9
Nickel bis(sulfamidate); Nickel sulfamate	13770-89-3
Nickel bis(tetrafluoroborate)	14708-14-6
Nickel boride	12619-90-8
Nickel boride (NiB)	12007-00-0
Nickel boron phosphide	65229-23-4
Nickel carbonate	3333-67-3
Nickel chromate	14721-18-7
Nickel diacetate; Nickel acetate	373-02-4 14998-37-9
Nickel diammonium bis(sulfate)	15699-18-0
Nickel diammonium hexacyanoferrate	74195-78-1
Nickel diarsenide	12068-61-0
Nickel dibenzoate	553-71-9
Nickel dibromate	14550-87-9
Nickel dibromide	13462-88-9
Nickel dichlorate	67952-43-6
Nickel dichloride	7718-54-9
Nickel dichromate	15586-38-6
Nickel dicyanide	557-19-7
Nickel difluoride	10028-18-9
Nickel diformate; Formic acid nickel salt	3349-06-2
Nickel dihydroxide	12054-48-7
Nickel diiodide	13462-90-3
Nickel dilactate	16039-61-5
Nickel dinitrate; Nitric acid, nickel salt	13138-45-9
Nickel dioxide	12035-36-8
Nickel diperchlorate; perchloric acid, nickel(II) salt	13637-71-3
Nickel dipotassium bis(sulfate)	13842-46-1
Nickel disilicide	12201-89-7
Nickel dithiocyanate	13689-92-4
Nickel divanadium hexaoxide	52502-12-2
Nickel hexafluorosilicate	26043-11-8
Nickel hydrogen phosphate	14332-34-4
Nickel hydroxide	11113-74-9
Nickel isooctanoate	27637-46-3
Nickel matte (mineral)	69012-50-6
Nickel monoxide	1313-99-1
Nickel oxalate	547-67-1
Nickel oxide	11099-02-8
Nickel phosphinate	36026-88-7
Nickel potassium fluoride	11132-10-8
Nickel selenate	15060-62-5
Nickel selenide	1314-05-2
Nickel silicate (3:4)	31748-25-1
Nickel stannate	12035-38-0
Nickel subsulfide	12035-72-2
Nickel sulfate	7786-81-4
Nickel sulfide	11113-75-0
Nickel telluride	12142-88-0
Nickel tellurium tetraoxide	15852-21-8
Nickel tellurium trioxide	15851-52-2
Nickel tetracarbonyl; Tetracarbonylnickel	13463-39-3
Nickel tin trioxide	12035-38-0
Nickel titanium oxide	12653-76-8
Nickel titanium trioxide	12035-39-1
Nickel tungsten tetraoxide	14177-51-6
Nickel zirkonium trioxide	70692-93-2
Nickel(II) arsenate	13477-70-8
Nickel(II) hydrogen citrate	18721-51-2
Nickel(II) isodecanoate	85508-43-6
Nickel(II) isooctanoate	29317-63-3
Nickel(II) neodecanoate	85508-44-7
Nickel(II) neononanoate	93920-10-6
Nickel(II) neoundecanoate	93920-09-3

Nickel(II) octanoate	4995-91-9
Nickel(II) palmitate	13654-40-5
Nickel(II) propionate	3349-08-04
Nickel(II) selenite	10101-96-9
Nickel(II) silicate	21784-78-1
Nickel(II) stearate; Nickel(II) octadecanoate	2223-95-2
Nickel(II) sulfite	7757-95-1
Nickel(II) trifluoroacetate	16083-14-0
Olivine, nickel green	68515-84-4
Oxalic acid, nickel salt	20543-06-0
Phosphoric acid, calcium nickel salt	17169-61-8
Silicic acid, nickel salt	37321-15-6
Trihydrogen hydroxybis[orthosilicato(4-)] trinickelate(3-)	12519-85-6
Trinickel bis(arsenate);	13477-70-8
Trinickel bis(arsenite)	74646-29-0
Trinickel bis(orthophosphate)	10381-36-9
Trinickel boride	12007-02-2
Trinickel disulphide	12035-72-2
Trinickel tetrasulfide	12137-12-1
CMR 1A&1B others - Tin organics, formerly CMR1&2	
Dibutyltin hydrogen borate	75113-37-0
Dibutyltin dichloride; DBTC	683-18-1
CMR 1A&1B others - Epoxides, formerly CMR1&2	
(R)-1-Chloro-2,3-epoxypropane	51594-55-9
1,2,3,4-Diepoxybutane; 2,2'-Bioxirane	1464-53-5
1,2-Epoxy-3-phenoxypropane; 2,3-Epoxypropyl phenyl ether; Phenyl glycidyl ether	122-60-1
1,2-Epoxyethylbenzene; styrene oxide; phenyloxirane	96-09-3
1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione; TGIC	2451-62-9
1-Chloro-2,3-epoxypropane; Epichlorhydrin	106-89-8
2,2'-Bioxirane	1464-53-5
Epoxiconazole; (2R,3S)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane	133855-98-8
2,3-Epoxy-1-propanol; Oxiranemethanol; Glycidol	556-52-5
2,3-Epoxypropyltrimethylammonium chloride; Glycidyl trimethylammonium chloride	3033-77-0
Ethylene oxide; Oxirane	75-21-8
Oxiranemethanol 4-methylbenzene-sulfonate, (S)-; (S)-Glycidyl tosylate	70987-78-9
Phenyloxirane; (Epoxyethyl)benzene, styreneepoxide; Styrene oxide	96-09-3
Propylene oxide; 1,2-Epoxypropane; Methyloxirane	75-56-9
R-2,3-Epoxy-1-propanol	57044-25-4
Teroxirone; 1,3,5-Tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	59653-74-6
CMR 1A&1B others - Halogenated hydrocarbons, formerly CMR1&2	
1,2-Dibromo-3-chloropropane; DBCP	96-12-8
1,2-Dibromoethane	106-93-4
1,4-Dichlorobut-2-ene	764-41-0
1-Bromopropane; n-Propyl bromide	106-94-5
2-Bromopropane	75-26-3
2-Chlorobuta-1,3-diene; Chloroprene (stabilised)	126-99-8
Benzyl chloride; a-Chlorotoluene	100-44-7
Bromoethylene; Vinyl bromide	593-60-2
Chloroethylene; Vinyl chloride	75-01-4
Ethylene dibromide	106-93-4
Ethylene dichloride; 1,2-Dichloroethane	107-06-2
Hexachlorobenzene	118-74-1
Trichloroethylene; Trichloroethene	79-01-6
1,2,3-Trichloropropane	96-18-4
$\alpha,\alpha,\alpha,4$ -Tetrachlorotoluene, p-Chlorobenzotrichloride	5216-25-1
α,α,α -Trichlorotoluene; Benzotrichloride	98-07-7
CMR 1A&1B others - Halogenated organic compounds, formerly CMR1&2	
1,3-Dichloro-2-propanol	96-23-1
2,3-Dibromopropan-1-ol; 2,3-Dibromo-1-propanol	96-13-9
2-Chloro-6-fluoro-phenol	2040-90-6
Azafenidin; 2-[2,4-Dichloro-5-(2-propynyloxy)phenyl]-5,6,7,8-tetrahydro-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one	68049-83-2
Bis(chloromethyl) ether; Oxybis(chloromethane)	542-88-1
Captafol; 1,2,3,6-Tetrahydro-N-(1,1,2,2-tetrachloroethyltio)phthalimide	2425-06-1
Chlorodimethylether; Chloromethyl methyl ether	107-30-2
Chloro-N,N-dimethylformiminium chloride	3724-43-4
(2-Chloroethyl)(3-hydroxypropyl) ammonium chloride	40722-80-3
Chlorotoluron; 3-(3-Chloro-p-tolyl)-1,1-dimethylurea	15545-48-9
Etacelasil; 2-Chloroethyl-tris(2-methoxyethoxy)silane	37894-46-5
Ethyl 1-(2,4-dichlorophenyl)-5-(trichloromethyl)-1H-1,2,4-triazole-3-carboxylate	103112-35-2
Fluazifop-butyl (ISO); Butyl (RS)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate	69806-50-4
Flusilazole (ISO); Bis(4-fluorophenyl)methyl(1H-1,2,4-triazol-1-ylmethyl)silane	85509-19-9
Fluzifop-butyl; Butyl (RS)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate	69806-50-4
Ketoconazole; 1-[4-[4-[[[(2SR, 4RS)-2-(2,4-Dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]ethanone	65277-42-1
Linuron; 3-(3,4-Dichlorophenyl)-1-methoxy-1-methylurea	330-55-2
Quizalofop-P-turfuryl; (+/-) Tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate	119738-06-6
Sulfallate (ISO); 2-Chloroallyl diethyl-dithiocarbamate	95-06-7
Tris(2,3-dibromopropyl) phosphate	126-72-7
Tris(2-chloroethyl)phosphate; TCEP	115-96-8
Vinclozolin (ISO); N-3,5-dichlorophenyl-5-methyl-5-vinyl-1,3-oxazolidine-2,4-dione	50471-44-8
CMR 1A&1B others - Hydrazine derivatives, formerly CMR1&2	

Hydrazine	302-01-2
Hydrazine hydrate(s)	7803-57-8
Salts of Hydrazine	302-01-2
Hydrazinium nitrate	13464-97-6
Hydrazine dihydrochloride	5341-61-7
1,2-Dimethylhydrazine	540-73-8
N,N-Dimethylhydrazine	57-14-7
Hydrazine bis(3-carboxy-4-hydroxybenzensulfonate)	EC 405-030-1
Hydrazine-Trinitromethane	14913-74-7
N,N'-Diphenylhydrazine; Hydrazobenzene	122-66-7
Phenylhydrazine	100-63-0
Phenylhydrazine hydrochloride	27140-08-5
Phenylhydrazinium chloride	59-88-1
Phenylhydrazinium sulphate (2:1)	52033-74-6
(4-Hydrazinophenyl)-N-methylmethanesulfonamide hydrochloride	81880-96-8
Hydrazine bis(3-carboxy-4-hydroxybenzensulfonate)	-
CMR 1A&1B others - Hydrocarbons, formerly CMR1&2	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8
Butane (containing > 0.1 % butadiene (203-450-8))	106-97-8
1,3-Butadiene; Buta-1,3-diene	106-99-0
Isobutane (containing > 0.1 %butadiene (203-450-8))	75-28-5
Petroleum gas, Hydrocarbons, C4, 1,3-butadiene- and isobutene-free	95465-89-7
2-Methyl-1,3-butadiene; Isoprene	78-79-5
Hydrocarbons, C3-6, C5-rich, steam-cracked naphtha	102110-14-5
Alkanes, C4-5; Petroleum gas	68475-60-5
Benzene	71-43-2
Aromatic hydrocarbons, C6-10, C8-rich, light oil redistillate, low boiling	90989-41-6
Aromatic hydrocarbons, C9-12, benzene distn; light oil redistillate, high boiling	92062-36-7
Aromatic hydrocarbons, C8, light oil redistillate, high boiling	90989-38-1
Stoddard solvent; low boiling point naphtha - unspecified	8052-41-3
petrol fractions, distillates, tars classified CMR 1 or 2, all (> 200)	vary many
Naptha (petroleum), hydrotreated heavy; white spirit type 3	64742-48-9
Naptha (petroleum), hydrosulfurized heavy; white spirit type 1	64742-82-1
Gases, tars and petroleum distillates if they contain 1,3-butadiene > 0.1 %	Several
Gases, tars and petroleum distillates if they contain benzene > 0.1 %	Several
CMR 1A&1B others - Inorganic substances (Other than heavy metals), formerly CMR1&2	
Beryllium	7440-41-7
Beryllium compounds, with the exception of aluminium beryllium silicates	7440-41-7
Beryllium oxide	1304-56-9
Boric acid	10043-35-3
Boric acid, crude natural (> 85%)	11113-50-1
Boric acid, disodium salt; disodium tetraborate	1330-43-4
Tetraboron disodium heptaoxide, hydrate	12267-73-1
Orthoboric acid, sodium salt	13840-56-7
Borax decahydrate; Disodium tetraborate decahydrate	1303-96-4
Borax pentahydrate; Disodium tetraborate pentahydrate	12179-04-3
Sodium perborate	15120-21-5
Perboric acid sodium salt; Perboric acid sodium salt monohydrate	10332-33-9; 12040-72-1
Sodium peroxometaborate; Sodium peroxoborate	7632-04-4
Perboric acid sodium salt tetrahydrate	37244-98-7
Sodium peroxoborate hexahydrate; Perboric acid monosodium salt trihydrate	13517-20-9
Diboron trioxide; Boric oxide	1303-86-2
Indium phosphide	22398-80-7
Carbon monoxide	630-08-0
Potassium bromate	7758-01-2
CMR 1A&1B others - Ethers, formerly CMR1&2	
2-Methoxyethyl acetate; Methylglycol acetate	110-49-6
2-Methoxypropanol	1589-47-5
2-Methoxypropyl acetate	70657-70-4
Methoxyacetic acid	625-45-6
Bis(2-methoxyethyl) ether	111-96-6
2-Ethoxyethyl acetate; Ethylglycol acetate	111-15-9
1,2-Diethoxyethane; Ethyleneglycol diethylether; EGDEE	629-14-1
2-Methoxyethanol; Ethyleneglycolmonomethylether	109-86-4
2-Ethoxyethanol; Ethyleneglycol monethyl ether	110-80-5
1,2-Dimethoxyethane; Ethyleneglycol dimethylether; EGDME	110-71-4
Triethylene glycol dimethyl ether; Triglyme; 1,2-Bis(2-methoxyethoxy)ethane; TEGDME	112-49-2
Furan	110-00-9
Safrole; 5-Allyl-1,3-benzodioxole	94-59-7
CMR 1A&1B others - Nitroaromates, formerly CMR1&2	
Nitrobenzene	98-95-3
2,3-Dinitrotoluene	602-01-7
2,4-Dinitrotoluene	121-14-2
2,5-Dinitrotoluene	619-15-8
2,6-Dinitrotoluene	606-20-2
Dinitrotoluene; Dinitrotoluene, technical grade	25321-14-6
2-Nitroanisole	91-23-6
2-Nitronaphthalene	581-89-5
2-Nitrotoluene	88-72-2

3,4-Dinitrotoluene	610-39-9
3,5-Dinitrotoluene	618-85-9
4-Nitrobiphenyl	92-93-3
Binapcryl; 2-sec-Butyl-4,6-dinitrophenyl-3,3-dimethylacrylate	485-31-4
Binapcryl; 2-sec-Butyl-4,6-dinitrophenyl-3-methylcrotonate	485-31-4
Dinocap; 2,4-Dinitro-6-(2-octyl) phenyl crotonate	39300-45-3
Dinoseb; 2-(1-Methylpropyl)-4,6-dinitro-phenol; Dinoseb, its salts and esters	88-85-7
Dinoseb; 6-sec-Butyl-2,4-dinitrophenol	88-85-7
Dinoterb; 2-tert-Butyl-4,6-dinitrophenol	1420-07-1
Nitrofen; 2,4-Dichlorophenyl-4-nitrophenylether	1836-75-5
CMR 1A&1B others -Phthalates (esters of phthalic acid), formerly CMR1&2	
Benzyl butyl phthalate; BBP	85-68-7
Dibutyl phthalate; DBP	84-74-2
Di-isobutyl phthalate; DIBP	84-69-5
Dialkyl-(C7-C11) phthalate; 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters; DHNUP	68515-42-4
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich; Dialkyl-(C6-C8 branched) phthalate; DIHP	71888-89-6
Bis(2-ethylhexyl) phthalate; Di-(2-ethylhexyl) phthalate; DEHP	117-81-7
Bis(2-methoxyethyl) phthalate	117-82-8
Dipentyl phthalate, branched and linear; 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear; DPP	84777-06-0
Di-n-pentyl phthalate	131-18-0
n-Pentyl-isopentyl phthalate	84777-06-0
Diisohexyl phthalate; 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear, DIHP	68515-50-4
Diisopentyl phthalate; DIPP	605-50-5
CMR 1A&1B others - miscellaneous, formerly CMR1&2	
(4-Ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane	105024-66-6
(E)-3-[1-[4-[2-(Dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol	82413-20-5
(S)-Warfarin; (S)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone	5543-57-7
(R)-Warfarin; (R)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone	5543-58-8
1,3-Propanesultone	1120-71-4
1,3-Propiolactone; 3-Propanolide	57-57-8
1-Methyl-3-nitro-1-nitrosoguanidine	70-25-7
2-(2-Aminoethylamino)ethanol; AEEA	111-41-1
2,2'-(Nitrosoimino)bisethanol; N-Nitrosodiethanolamine	1116-54-7
2,2-Bis(4-hydroxyphenyl)-4-methylpentane; 4,4-Isobutylethylidenediphenol	6807-17-6
2-Butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one	94723-86-1
2-Ethylhexyl[[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]thio] acetate	80387-97-9
2-Nitropropane	79-46-9
3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
4-tert-butylbenzoic acid	98-73-7
7-Methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one; [containing ≥ 0,5 % formamide (EC No 200-842-0)]	199327-61-2
A mixture of: 1,3,5-tris(3-aminomethylphenyl)-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione; 3,5-bis(3-aminomethylphenyl)-1-poly[3,5-bis(3-aminomethylphenyl)-2,4,6-trioxo-1,3,5-(1H,3H,5H)-triazin-1-yl]-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione (mixture of oligomers)	EC 421-550-1
A mixture of: 4-[[Bis-(4-fluorophenyl)-methylsilyl]methyl]-4H-1,2,4-triazole; 1-[[Bis-(4-fluorophenyl)-methylsilyl]methyl]-1H-1,2,4-triazole	EC 403-250-2
Dye K: A mixture of: disodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-hydroxy-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate; trisodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-oxido-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate; Dye K	EC 402-660-9
A mixture of: N-[3-Hydroxy-2-(2-methylacryloylamino-methoxy)propoxymethyl]-2-methylacrylamide; N-[2,3-Bis-(2-methylacryloylamino-methoxy)propoxymethyl]-2-methylacrylamide; Methacrylamide; 2-Methyl-N-(2-methylacryloylamino-methoxy-methyl)-acrylamide; N-(2,3-Dihydroxypropoxymethyl)-2-methylacrylamide; TMAG	EC 412-790-8
Mixture of: 4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol; 4,8-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol; 5,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol	EC 427-050-1
Acrylamide; Prop-2-enamide	79-06-1
Acrylonitrile	107-13-1
Benomyl; Methyl 1-(butylcarbamoyl)benzimidazol-2-ylcarbamate; 1-(Butylcarbamoyl)-2-benzimidazolecarbamic acid methyl ester	17804-35-2
Benzylidiamine; 7,7-Diaminotoluene	25376-45-8
C.I. Basic Violet 3 with >0.1 % of Michler's ketone	548-62-9
Carbadox; Methyl-3-(quinoxalin-2-ylmethylene)carbazate 1,4-dioxide; 2-(Methoxycarbonylhydrazonomethyl)quinoxaline 1,4-dioxide	6804-07-5
Carbendazim; Methyl benzimidazole-2-ylcarbamate	10605-21-7
cyclic 3-(1,2-Ethanediylacetale)-estra-5(10),9(11)-diene-3,17-dione	5571-36-8
Cycloheximide; 4-[(2R)-2-[(1S,3S,5S)-3,5-Dimethyl-2-oxocyclohexyl]-2-hydroxyethyl]piperidine-2,6-dione; 3-(2-(3,5-Dimethyl-2-oxocyclohexyl)-2-hydroxyethyl)glutarimide	66-81-9
Diazomethane	334-88-3
Diethyl sulphate	64-67-5
Dimethylformamide; N,N-Dimethylformamide; DMF	68-12-2
Dimethyl sulphate	77-78-1
Dimethylcarbamoyl chloride	79-44-7
Dimethylsulfamoyl chloride	13360-57-1
Epichlorhydrin	106-89-8
Ethyl carbamate; Urethane	51-79-6
Ethylene thiourea; 2-Imidazoline-2-thiol; Imidazolidine-2-thione	96-45-7
Ethyleneimine; Aziridine	151-56-4
Flumioxazin; N-(7-Fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboxamide; 7-Fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-1,4-benzoxazin-3(2H)-one	103361-09-7
Formaldehyde	50-00-0
Formaldehyde, materials emitting Formaldehyde during use in concentrations above class E1 (DIN EN 120)	50-00-0
Formamide	75-12-7
Glufosinate ammonium (ISO); Ammonium 2-amino-4-(hydroxymethylphosphinyl)butyrate	77182-82-2
Hexamethylphosphoramide; Hexamethylphosphoric triamide; HMPT	680-31-9
Isobutyl nitrite	542-56-3
Methyl acrylamidoglycolate (containing > 0.1 % acrylamide)	77402-05-2

Methyl acrylamidomethoxyacetate (containing > 0.1 % acrylamid)	77402-03-0
Methylazoxy methyl acetate; Methyl-ONN-azoxymethyl acetate; MAM acetate	592-62-1
Methylnitrosourea	684-93-5
N,N-(Dimethylamino)thioacetamide hydrochloride	27366-72-9
N,N-Dimethylacetamide; DMA	127-19-5
N-[6,9-Dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-yl]acetamide	84245-12-5
Nitrosodipropylamine	621-64-7
N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone; NMP	872-50-4
N-Methylacetamide	79-16-3
N-Methylformamide	123-39-7
N-Nitrosodimethylamine; Dimethylnitrosamine	62-75-9
O-Hexyl-N-ethoxy carbonylthiocarbamate	EC 432-750-3
O-Isobutyl-N-ethoxy carbonylthiocarbamate	103122-66-3
Phenols C9-11; Destillate phenols	91079-47-9
Phenolphthalein; 3,3-Bis(p-hydroxyphenyl)phthalide	77-09-8
Potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate; [containing ≥ 0,5 % N,N-dimethylformamide (EC No 200-679-5)]	183196-57-8
Propyleneimine; 2-Methylaziridine	75-55-8
Quinoline; Benzo[b]pyridine	91-22-5
reaction mass of: Dimethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate; Diethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate; Methyl ethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate	EC 435-960-3
Salts and esters of Dinoseb, with the exception of those specified elsewhere in this Annex	88-85-7
Salts and esters of Dinoterb	1420-07-1
Tetrahydrofurfuryl alcohol; Tetrahydro-2-furyl-methanol	97-99-4
Tetrahydrothiopyran-3-carboxaldehyde	61571-06-0
Thioacetamide	62-55-5
Tridemorph; 2,6-Dimethyl-4-tridecylmorpholine	24602-86-6
Trixylyl phosphate	25155-23-1
Warfarin; 4-Hydroxy-3-(3-oxo-1-phenylbutyl)coumarin	81-81-2

CMR 2 (Carcinogenic, Mutagenic, Reproduction toxic substances, formerly CMR3)

Aromatic amines classified as CMR 2 including their salts, formerly CMR3	
Enzo	
1,2-Diaminobenzene; o-Phenylenediamine	95-54-5
1,3-Diaminobenzene; m-Phenylenediamine	541-69-5
1,5-Naphthylenediamine; 1,5-Diaminonaphthalene	2243-62-1
2,6-Xylidine; 2,6-Dimethylaniline	87-62-7
2-Aminobiphenyl; Biphenyl-2-ylamine; o-Phenylaniline	90-41-5
2-Aminophenol	95-55-6
Aclofen; 2-Chloro-6-nitro-3-phenoxyaniline	74070-46-5
2-Methyl-m-phenylenediamine; 2,6-Toluenediamine	823-40-5
3-Chloro-4-(3-fluorobenzyloxy)aniline	202197-26-0
4,4'-Methylenebis(2-ethylaniline); 4,4'-Methylenebis(2-ethylbenzeneamine)	19900-65-3
4-[(3-Chlorophenyl)(1H-imidazol-1-yl)methyl]-1,2-benzenediamine dihydrochloride	159939-85-2
4-[4-(1,3-Dihydroxyprop-2-yl)phenylamino]-1,8-dihydroxy-5-nitroanthraquinone; Anthraquinone Blue 27	114565-66-1
4-Aminophenol	123-30-8
4-Ethoxyaniline; o-Phenetidine	156-43-4
5-Nitro-o-toluidine; 2-Amino-4-nitrotoluene	99-55-8
5-Nitro-o-toluidine hydrochloride	51085-52-0
Chrysoidine acetate; 4-(Phenylazo)benzene-1,3-diamine acetate	79234-33-6
Chrysoidine compound with dibutyl-naphthalene sulfonic acid; Dibutyl-naphthalenesulfonic acid, compound with 4-(Phenylazo)benzene-1,3-diamine (1:1)	94247-67-3
Chrysoidine dihydrochloride; 4-(Phenylazo)benzene-1,3-diamine dihydrochloride	83968-67-6
Chrysoidine monoacetate; 4-(Phenylazo)benzene-1,3-diamine monoacetate	75660-25-2
Chrysoidine monohydrochloride; 4-(Phenylazo)benzene-1,3-diamine monohydrochloride	532-82-1
Chrysoidine p-dodecylbenzenesulfonate; 4-(Phenylazo)benzene-1,3-diamine compound with p-dodecylbenzenesulfonic acid (1:1)	63681-54-9
Chrysoidine salt with C10-14-alkyl derivatives of benzenesulfonic acid; mono-C10-14-alkyl derivatives of benzenesulfonic acid, compounds with 4-(phenylazo)-1,3-benzenediamine	85407-90-5
Chrysoidine sulfate; 4-(Phenylazo)benzene-1,3-diamine sulfate	84196-22-5
Chrysoidine; 4-(Phenylazo)benzene-1,3-diamine	495-54-5
N,N-Dimethylaniline	121-69-7
N,N-Dipropyl-4-trifluoromethyl-2,6-dinitroaniline; Trifluralin	1582-09-8
N-2-Naphthylaniline; N-Phenyl-2-naphthylamine	135-88-6
o-Phenylenediamine dihydrochlorid; 1,2-Diaminobenzene dihydrochloride	615-28-1
p-Toluidine; 4-Aminotoluene	106-49-0
Toluidine sulphate (1:1)	540-25-0
Toluidinium chloride	540-23-8
Epoxides	
(R)-a-phenylethylammonium (-)(1R, 2S)-(1,2-epoxypropyl)phosphonate monohydrate	25383-07-7
[(o-Tolyloxy)methyl]oxirane; 2,3-Epoxypropyl o-tolyl ether	2210-79-9
1,2-Epoxy-4-epoxyethylcyclohexane; 4-Vinylcyclohexene diepox	106-87-6
1,2-Epoxybutane; Ethyloxirane	106-88-7

2,2'-((3,3',5,5'-Tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxymethylene))-bis-oxirane; 3,3',5,5'-Tetramethylbiphenol diglycidyl ether	85954-11-6
6-Glycidylloxynaphth-1-yl oxymethyloxirane	27610-48-6
A mixture of: 4-Allyl-2,6-bis(2,3-epoxypropyl)phenol; 4-Allyl-6-[3-[6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-4-allyl-2-(2,3-epoxypropyl)phenoxy]-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol; 4-allyl-6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol; 4-allyl-6-[3-[6-[3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl]-4-allyl-2-(2,3-epoxypropyl)phenoxy]-2-hydroxypropyl]-2-(2,3-epoxypropyl)phenol	Several
Allyl glycidyl ether; Prop-2-en-1-yl 2,3-epoxypropyl ether; Allyl 2,3-epoxypropyl ether	106-92-3
Butyl glycidyl ether; Butyl 2,3-epoxypropyl ether	2426-08-6
Cresyl glycidyl ether; [(Tolyloxy)methyl]oxirane	26447-14-3
Epoxiconazole; (2R,3S)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane	133855-98-8
Heptachloroperoxid; 2,3-Epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	1024-57-3
N,N,N',N'-Tetraglycidyl-4,4'-diamino-3,3'-diethyldiphenylmethane	130728-76-6
N,N',N''-Tris(2-methyl-2,3-epoxypropyl)-perhydro-2,4,6-oxo-1,3,5-triazine	26157-73-3
[(m-Tolyloxy)methyl]oxirane	2186-25-6
[(p-Tolyloxy)methyl]oxirane	2186-24-5
Resorcinol diglycidyl ether; 1,3-Bis(2,3-epoxypropoxy)benzene	101-90-6
Hydrocarbons	
n-Hexane	110-54-3
Naphthalene	91-20-3
Styrene	100-42-5
Tetrahydrofuran; THF	109-99-9
Toluene; Methylbenzene	108-88-3
4-Vinylcyclohexene	100-40-3
Halogenated hydrocarbons	
1,1,2-Trichloroethane	79-00-5
1,1-Dichloroethylene; Vinylidene chloride	75-35-4
1-Bromo-3,4,5-trifluorobenzene	138526-69-9
2,3,4-Trichlorobut-1-ene	2431-50-7
2,3-Dichloropropene; 2,3-Dichloropropylene	78-88-6
3,4,5,6,7,8,8a-Heptachlorodicyclopentadiene; 1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene; Heptachlor	76-44-8
3-Chloropropene; Allyl chloride	107-05-1
Benzylidene chloride; a,a-Dichlorotoluene; Benzal chloride	98-87-3
Carbon tetrachloride; Tetrachloromethane	56-23-5
Dichloroacetylene	7572-29-4
Ethyl bromide; Bromoethane	74-96-4
Ethyl chloride; Chloroethane	75-00-3
Methyl chloride; Chloromethane	74-87-3
Methyl iodide; Iodomethane	74-88-4
Pentachloroethane	76-01-7
Tetrachloroethylene	127-18-4
Trifluoroiodomethane; Trifluoromethyl iodide	2314-97-8
Halogenated organic compounds	
(3-Chloro-2-hydroxypropyl) trimethylammonium chloride ...%	3327-22-8
(R)-5-bromo-3-(1-methyl-2-pyrrolidinyl methyl)-1H-indole	143322-57-0
1-Bromo-2-methylpropyl propionate	158894-67-8
1-Cyclopropyl-6,7-difluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid	93107-30-3
2,2-Dibromo-2-nitroethanol	69094-18-4
2,4,6-Trichlorophenol	88-06-2
2-Chloracetamide	79-07-2
5-(2,4-Dioxo-1,2,3,4-tetrahydropyrimidine)-3-fluoro-2-hydroxymethyltetrahydrofuran	41107-56-6
5,6,12,13-Tetrachloroanthra(2,1,9-def:6,5,10-d'e'f)diisoquinoline-1,3,8,10(2H,9H)-tetrone; Pigment Red 1017	115662-06-1
5-Chloro-1,3-dihydro-2H-indol-2-one	17630-75-0
Alachlor; 2-Chloro-2',6'-diethyl-N-(methoxymethyl)- acetanilide	15972-60-8
Benzyl 2,4-dibromobutanoate	23085-60-1
Bifenthrin (ISO); (2-Methylbiphenyl-3-yl)methyl rel-(1R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropanecarboxylate	82657-04-3
Bis(2-chloroethyl) ether; 2,2'-Dichlorodiethylether	111-44-4
Bis(eta5-cyclopentadienyl)-bis(2,6-difluoro-3-pyrrol-1-yl)-phenyl)titanium	125051-32-3
Bromoxynil heptanoate; 2,6-Dibromo-4-cyanophenyl heptanoate	56634-95-8
Bromoxynil octanoate; 2,6-Dibromo-4-cyanophenyl octanoate	1689-99-2
Bromoxynil salts; salts of 3,5-Dibromo-4-hydroxybenzotrile	1689-84-5
Bromoxynil; 3,5-Dibromo-4-hydroxybenzotrile	1689-84-5
Captan; 1,2,3,6-Tetrahydro-N-(trichloromethylthio) phthalimide	133-06-2
Chloro-1-ethylcyclohexyl carbonate	99464-83-2
Chlorothalonil; Tetrachloroisophthalonitrile	1897-45-6
Chlorpropham (ISO); Isopropyl 3-chlorocarbanilate	101-21-3
Chlozolinat; Ethyl (RS)-3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-5-oxazolidine carboxylate	84332-86-5
Cinidon ethyl (ISO); Ethyl (Z)-2-chloro-3-[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)phenyl]acrylate	142891-20-1
cis-1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	51229-78-8
Cyproconazole (ISO); (2RS,3RS;2RS,3SR)-2-(4-Chlorophenyl)-3-cyclopropyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol	94361-06-5
Di-allat; 2,3-Dichloroallyl-N,N-diisopropylthiolcarbamate	2303-16-4
Diethylcarbamoil chloride	88-10-8
Diuron; 3-(3,4-Dichlorophenyl)-1,1-dimethylurea	330-54-1
Etridiazole; 5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole	2593-15-9
Fenarimol; 2,4'-Dichloro-a-(pyrimidin-5-yl)benzhydryl alcohol	60168-88-9
Fluazifop-P-butyl (ISO); Butyl (R)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate	79241-46-6
Fluazinam; 3-Chloro-N-[3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl]-5-(trifluoromethyl)pyridine-2-amine	79622-59-6
Folpet; N-(Trichloromethylthio) phthalimide	133-07-3
Forchlorfenuron (ISO); 1-(2-Chloro-4-pyridyl)-3-phenylurea	68157-60-8
Ioxynil octanoate; 4-Cyano-2,6-diiodophenyl octanoate	3861-47-0

loxynil salts; salts of 4-Hydroxy-3,5-diiodobenzonitrile	1689-83-4
loxynil; 4-Hydroxy-3,5-diiodobenzonitrile	1689-83-4
Iprodione; 3-(3,5-Dichlorophenyl)-2,4-dioxo-N-isopropylimidazolidine-1-carboxamide	36734-19-7
Isoxafflutole; 5-Cyclopropyl-1,2-oxazol-4-yl a.a.a-trifluoro-2-mesyl-p-tolyl ketone	141112-29-0
Metazachlor; 2-Chloro-N-(2,6-dimethylphenyl)-N-(1H-pyrazol-1-ylmethyl)acetamide	67129-08-2
Metconazole (ISO); (1RS, 5RS; 1RS, 5SR)-5-(4-Chlorobenzyl)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol	125116-23-6
Morpholine-4-carbonyl chloride	15159-40-7
Myclobutanil (ISO); 2-(4-Chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile	88671-89-0
N,N'-Dimethylanilinium tetrakis(pentafluorophenyl)borate	118612-00-3
Oxadiargyl; 3-[2,4-Dichloro-5-(2-propynyloxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one; 5-tert-Butyl-3-[2,4-dichloro-5-(prop-2-ynyloxy)phenyl]-1,3,4-oxadiazol-2(3H)-one	39807-15-3
Penconazole; 1-[2-(2,4-dichlorophenyl)pentyl]-1H-1,2,4-triazole	66246-88-6
Profoxydim (ISO); 2-[(EZ)-1-[(2RS)-2-(4-Chlorophenoxy)propoxyimino]butyl]-3-hydroxy-5-(thian-3-yl)cyclohex-2-en-1-one	139001-49-3
Propazine (ISO); 2-Chloro-4,6-bis(isopropylamino)-1,3,5-triazine	139-40-2
Propyzamide; 3,5-Dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide	23950-58-5
Proquinid (ISO); 6-Iodo-2-proxy-3-propylquinazolin-4(3H)-one	1892778-12-4
Simazine; 6-Chloro-N,N'-diethyl-1,3,5-triazine-2,4-diamine	122-34-9
Sulcotrione (ISO); 2-[2-Chloro-4-(methylsulfonyl)benzo]cyclohexane-1,3-dione	99105-
Tebuconazole; 1-(4-Chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	107534-96-3
Tepraloxydim (ISO); (RS)-(EZ)-2-[1-[(2E)-3-Chloroallyloxyimino]propyl]-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-on	149979-41-9
Tris[(2-chloro-1-chloromethyl)ethyl] phosphate	13674-87-8
Tetraconazole; (±)-2-(2,4-Dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethyl ether	112281-77-3
Hydrazine derivatives	
2-Ethylphenylhydrazine hydrochloride	19398-06-2
2-(Isocyanatosulfonylmethyl)benzoic acid methyl ester; Methyl 2-(isocyanatosulfonylmethyl)benzoate	83056-32-0
Nitroaromates	
4,6-Dinitro-o-cresol; DNOC (ISO)	534-52-1
1-Chloro-4-nitrobenzene	100-00-5
2-(2-Hydroxy-3,5-dinitroanilino)ethanol	99610-72-7
4-Mesyl-2-nitrotoluene	1671-49-4
Musk xylene; 5-tert-butyl-2,4,6-trinitro-m-xylene; 1-tert Butyl-3,5-dimethyl-2,4,6-trinitrobenzene	81-15-2
Nitrobenzene	98-95-3
(3-Chlorophenyl)-(4-methoxy-3-nitrophenyl)methanone	66938-41-8
Heavy metals other than RoHS	
Antimony trioxide	1309-64-4
Vanadium pentoxide; Divanadium pentoxide	1314-62-1
Manganese ethylenebis(dithiocarbamate) complex with Zinc salt; Mancozeb	8018-01-7
Manganese ethylenebis(dithiocarbamate); Maneb	12427-38-2
Molybdenum trioxide	1313-27-5
Nickel	7440-02-0
Nickel powder (<1 mm)	7440-02-0
Dyes and pigments	
C.I. Disperse yellow 3; N-[4-[(2-hydroxy-5-methylphenyl)azo]phenyl]acetamide	2832-40-8
C.I. Solvent yellow 14; 1-Phenylazo-2-naphthol	842-07-9
C.I. Solvent yellow 34; 4,4'-Dimethylaminobenzophenonimide; 4,4'-Carbonimidoylbis[N,N-dimethylaniline]	492-80-8
6,6'-Bis(diazo-5,5', 6,6'-tetrahydro-5,5'-dioxo)[methylene-bis(5-(6-diazo-5,6-dihydro-5-oxo-1-naphthylsulphonyloxy)-6-methyl-2-phenylene)di(naphthalene-1-sulfonate)]	EC 441-550-5
Malachite green hydrochloride; Ammonium, (4-(p-(dimethylamino)-a-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene)-dimethyl-, chloride	569-64-2
Malachite green oxalate; Bis(Ammonium, (4-(p-(dimethylamino)-a-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene)-dimethyl-), oxalate	2437-29-8
Leucomalachite green; N,N,N',N'-Tetramethyl-4,4'-benzylidenedianiline	129-73-7
Benzyl Violet 4B; α-[4-(4-dimethylamino-α-(4-[ethyl(3-sodiosulphonatobenzyl)amino] phenyl)benzylidene)cyclohexa-2,5-dienylidene(ethyl)ammonio]toluene-3-sulphonate; Ammonium, (4-(p-(dimethylamino)-a-(p-(ethyl(m-sulfo)benzyl)amino)phenyl)benzylidene)-2,5-cyclohexadien-ylidene)ethyl(m-sulfo)benzyl-, hydroxide, innersalt, sodiumsalt	1694-09-3
Diammonium 1-hydroxy-2-(4-(4-carboxyphenylazo)-2,5-dimethoxyphenylazo)-7-amino-3-naphthalenesulfonate	EC 422-670-7
2-[4-(2-Ammoniopropylamino)-6-[4-hydroxy-3-(5-methyl-2-methoxy-4-sulfamoylphenylazo)-2-sulfonatophenyl]-7-ylamino]-1,3,5-triazin-2-ylamino)-2-aminopropyl formate; Scarlet PE 3948	EC 424-260-3
Reaction mass of: 5-[[4-[(7-Amino-1-hydroxy-3-sulfo-2-naphthyl)azo]-2,5-diethoxyphenyl]azo]-2-[[3-phosphonophenyl]azo]benzoic acid ;5-[[4-[(7-Amino-1-hydroxy-3-sulfo-2-naphthyl)azo]-2,5-diethoxyphenyl]azo]-3-[[3-phosphonophenyl]azo]benzoic acid; Bonjet black 817	163879-69-4
Reaction mass of: 2,2'-[[3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxo-butanamide; 2-[[3,3'-Dichloro-4'-[[1[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-methylphenyl)-3-oxo-butanamide; 2-[[3,3'-Dichloro-4'-[[1[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-carboxylphenyl)-3-oxo-butanamide	EC 434-330-5
Aldehydes	
Acetaldehyde; Ethanal	75-07-0
Chloroacetaldehyde	107-20-0
Crotonaldehyde; 2-Butenal	4170-30-3
(E)-Crotonaldehyde; (E)-2-Butenal	123-73-9
Formaldehyde	50-00-0
Formaldehyde, materials emitting Formaldehyde during use in concentrations above class E1 (DIN EN 120)	50-00-0
2-Furfural; 2-Furaldehyde; Fural	98-01-1
Glyoxal; Ethandial	107-22-2
Reaction products of Diisopropanolamine with Formaldehyde (1:4)	220444-73-5
Reaction product of: Acetophenone, Formaldehyde, Cyclohexylamine, Methanol and acetic acid	EC 406-230-1
Diphenylmethane derivatives	
4,4'-bis(N-carbamoyl-4-methylbenzenesulfonamide)diphenylmethane	151882-81-4
4,4'-(1,3-Phenylene-bis(1-methylethylidene))bis-phenol	13595-25-0
Bisphenol A; 4,4'-Isopropylidenediphenol; BPA	29348

Mixture of: reaction product of 4,4'-methylenebis[2-(4-hydroxybenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxo-naphthalenesulfonate (1:2); Reaction product of 4,4'-methylenebis[2-(4-hydroxybenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalenesulfonate (1:3)	EC417-980-4
Miscellaneous CMR 2, formerly CMR3	
(4-Phenylbutyl)phosphinic acid	86552-32-1
(6R-trans)-1-((7-Ammonio-2-carboxylato-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl)pyridinium iodide	100988-63-4
(R, S)-2-Amino-3,3-dimethylbutane amide	144177-62-8
(S)-2,3-Dihydro-1H-indole-2-carboxylic acid	79815-20-6
(Z)-2-Methoxyimino-2-[2-(tritylamino)thiazol-4-yl]acetic acid	64485-90-1
[(m-Tolyloxy)methyl]oxirane	2186-25-6
[(p-Tolyloxy)methyl]oxirane	2186-24-5
1-(1Naphthylmethyl)quinolinium chloride	65322-65-8
1,2,4-Triazole	288-88-0
1,3,5-Trioxane; Trioxymethylene	110-88-3
1,3-Bis(vinylsulfonylacetamido)-propane	93629-90-4
1,3-Diphenylguanidine; Melaniline	102-06-7
1,4-Dioxane	123-91-1
1-Ethyl-1-methylmorpholinium bromide	65756-41-4
1-Ethyl-1-methylpyrrolidinium bromide	69227-51-6
1-Vinyl-2-pyrrolidone	88-12-0
2-(4-tert-Butylphenyl)ethanol	5406-86-0
2-Butanone oxime; Ethyl methyl ketone oxime; Ethyl methyl ketoxime	96-29-7
2-Chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate; Phosphamidon	13171-21-6
2-Ethylhexanoic acid	149-57-5
2-Ethylhexyl-2-ethylhexanoate	7425-14-1
2-Methyl-5-tert-butylthiophenol	EC 444-970-7
3-(Piperazin-1-yl)-benzo[d]isothiazole hydrochloride	87691-88-1
3,5,5-Trimethylcyclohex-2-enone; Isophorone	78-59-1
3-Oxoandrost-4-ene-17-β-carboxylic acid	302-97-6
4'-Etoxy-2-benzimidazoleanilide	120187-29-3
4-Nitrosophenol	104-91-6
4-tert-Butylphenol	98-54-4
5-(3-Butyl-2,4,6-trimethylphenyl)-2-[1-(ethoxyimino)propyl]-3-hydroxycyclohex-2-en-1-one; Butroxydim	138164-12-2
9-Vinylcarbazole	1484-13-5
Acetamide	60-35-5
Amitrole; 1,2,4-Triazol-3-ylamine	61-82-5
Androsta-1,4,9(11)-triene-3,17-dione	15375-21-0
Antu; N-(1-Naphthyl)-2-thiourea	86-88-4
Benfuracarb; Ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy-carbonyl(methyl)aminothio]-N-isopropyl-β-alaninate	82560-54-1
Polyhexamethylene biguanide hydrochloride	27083-27-8
Carbaryl; 1-Naphthyl N-methylcarbamate	63-25-2
Carbon disulphide	75-15-0
Colchicine; 7-Acetamido-6,7-dihydro-1,2,3,10-tetramethoxybenzo[a]heptalen-9(5H)-one	64-86-8
condensation product of Tetrakis-hydroxymethylphosphonium chloride, urea and distilled hydrogenated C16-18 tallow alkylamine	166242-53-1
Cyclohexylamine	108-91-8
Cumoxanil; 2-Cyano-N-[(ethylamino)carbonyl]-2-(methoxyimino)acetamide	57966-95-7
Di-tert-butyl peroxide	110-05-4
Dimethyl propyleneurea; Tetrahydro-1,3-dimethyl-1H-pyrimidin-2-one	7226-23-5
Dimethyl-1-methyl-2-(methylcarbamoyl)vinyl phosphate; Monocrotophos	6923-22-4
Dimoxystrobin (ISO); (E)-2-(Methoxyimino)-N-methyl-2-[α-(2,5-xylloxy)-o-tolyl]acetamide	149961-52-4
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
Ethidium bromide; 3,8-Diamino-1-ethyl-6-phenylphenantridium bromide	1239-45-8
Fenpropimorph; cis-4-[3-(p-tert-Butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine	67564-91-4
Fenoxycarb; Ethyl[2-(4-phenoxyphenoxy)ethyl]carbamate	72490-01-8
Fuberidazole; 2-(2-Furyl)-1H-benzimidazole	3878-19-1
Furfuryl alcohol	98-00-0
Furmecyclox; N-Cyclohexyl-N-methoxy-2,5-dimethyl-3-furamide	60568-05-0
Hexahydrocyclopenta[c]pyrrole-1-(1H)-ammonium N-ethoxycarbonyl-N-(p-tolylsulfonyl)azanide	EC418-350-1
Hexan-2-one; Methyl butyl ketone; Butyl methyl ketone; Methyl-n-butyl ketone	591-78-6
Hydroquinone; 1,4-Dihydroxybenzene; Quinol	123-31-9
Hydroxylamine % >55 % in aqueous solution]	7803-49-8
Hydroxylamine 4-methylbenzenesulfonate	53933-48-5
Hydroxylamine dihydrogenphosphate	19098-16-9
Hydroxylamine hydrochloride; Hydroxylammonium chloride	5470-11-1
Hydroxylamine nitrate; Hydroxylammonium nitrate	13465-08-2
Hydroxylamine phosphate	20845-01-6
Hydroxylamine sulfate (1:1); Hydroxylammonium hydrogensulfate	10046-00-1
Hydroxylamine sulfate (2:1); Bis(hydroxylammonium) sulfate	10039-54-0
Isoproturon; N,N-dimethyl-N'-(4-(1-methylethyl)phenyl)urea	34123-59-6
Kresoxim-methyl (ISO); Methyl (E)-2-methoxyimino-2-(o-tolylloxymethyl)phenyl]acetate	143390-89-0
Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na 2 O +K 2 O +CaO +MgO +BaO) content greater than 18 % by weight; Mineral wool	Several
Mepanipyrin; 4-Methyl-N-phenyl-6-(1-propenyl)-2-pyrimidinamine	110235-47-7
Methylenediphenyl diisocyanate (MDI)	26447-40-5
4,4'-Methylenediphenyl diisocyanate; Diphenylmethane-4,4'-diisocyanate; MDI	101-68-8
2,2'-Methylenediphenyl diisocyanate; Diphenylmethane-2,2'-diisocyanate; MDI	2536-05-2

2,4'-Methylenediphenyl diisocyanate; Diphenylmethane-2,4'-diisocyanate; MDI	5873-54-1
Mixture (2:1) of 4-(7-Hydroxy-2,4,4-trimethyl-2-chromanil)resorcinol-4-yltris(6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulphonate) and 4-(7-Hydroxy-2,4,4-trimethyl-2-chromanil)resorcinol bis(6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulphonate)	140698-96-0
Molinate; S-Ethyl 1-perhydroazepinecarbothioate; S-Ethyl perhydroazepine-1-carbothioate	2212-67-1
N,N'-Dihexadecyl-N,N'-bis(2-hydroxyethyl)propanediamide	149591-38-8
N-[2-(3-acetyl-5-nitrothiophen-2-ylazo)-5-diethylaminophenyl]acetamide	777891-21-1
O,O'-(Ethenylmethylsilylene)di[(4-methylpentan-2-one) oxime]	156145-66-3
O,O-Dimethyl-O-(4-methylthion-m-tolyl) phosphorothioate; Fenthion	55-38-9
Octamethylcyclotetrasiloxane (D4),D4; Octamethylcyclotetrasiloxane	556-67-2
Phenol; Monohydroxybenzene; Phenylalcohol; Carboic acid	108-95-2
Phoxim (ISO); a-(Diethoxyphosphinothioylimino) phenylacetoneitrile	14816-18-3
Piperazine	110-85-0
Piperazine dihydrochloride	142-64-3
Piperazine hydrochloride	6094-40-2
Piperazine phosphate	1951-97-9
Potassium titanium oxide (K2Ti6O13)	12056-51-8
Propargite; 2-(4-tert-Butylphenoxy)cyclohexyl prop-2-ynyl sulphite	2312-35-8
Propylenethiourea	2122-19-2
Pymetrozine; (E)-4,5-dihydro-6-methyl-4-(3-pyridylmethyleneamino)-1,2,4-triazin-3(2H)-one	123312-89-0
Pyrogallol; 1,2,3-Trihydroxybenzene	87-66-1
Quinomethionate; Chinomethionat (ISO); 6-Methyl-1,3-dithiolo(4,5-b)quinoxalin-2-one	2439-01-2
Reaction mass of: Diester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-Diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:2); Triester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-Diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:3)	EC 427-140-9
Reaction mass of: Triammonium 6-amino-3-((2,5-diethoxy-4-(3-phosphonophenyl)azo)phenyl)azo-4-hydroxy-2-naphthalenesulfonate; Diammonium 3-(((4-(7-amino-1-hydroxy-3-sulfo-naphthalen-2-yl)azo)-2,5-diethoxyphenyl)azo)benzoate	EC 438-310-7
Salts of 4,4'-Carbonimidoylbis[N,N-dimethylaniline]; Salts of Auramine	Several
Tetrahydrofuran; THF	109-99-9
Thiophanate-methyl; 1,2-Di-(3-methoxycarbonyl-2-thioureido)benzene	23564-05-8
Thiourea; Thiocarbamide	62-56-6
Cycloxydim; 2-(N-ethoxybutanimidoyl)-3-hydroxy-5-(tetrahydro-2H-thiopyran-3-yl)cyclohex-2-en-1-one	101205-02-1
Tralkoxydim; 2-(N-ethoxypropanimidoyl)-3-hydroxy-5-mesitylcyclohex-2-en-1-one	87820-88-0
trans-4-Cyclohexyl-L-proline monohydrochloride	90657-55-9
trans-4-Phenyl-L-proline	96314-26-0
Triammonium 4-[4-[7-(4-carboxylatoanilino)-1-hydroxy-3-sulfonato-2-naphthylazo]-2,5-dimethoxyphenylazo]benzoate	221354-37-6
Tributyl phosphate	126-73-8
Trimethylpropane tri(3-aziridinylpropanoate); TAZ	52234-82-9
Trisodium nitrilotriacetate	5064-31-3
Valinamide	20108-78-5
Vinyl acetate	108-05-4

PBT and vPvB (Persistent, Bioaccumulating and Toxic or very Persistent and very Bioaccumulating substances)

POPs restricted in international conventions	
1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-exo-1,4-endo-5,8-dimethanonaphthalene; Aldrin	309-00-2
1,2,4,5,6,7,8,8-Octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan; Chlordane	12789-03-6
2,2-Bis(4-chlorophenyl)-1,1,1-trichloroethane; DDT	50-29-3
Clofenotane	Several
Polychlorinated dibenzofurans (all); PCDFs	
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
Polychlorinated dibenzodioxins (all); PCDDs	
1,2,3,7,8-Pentachlorodibenzodioxine	40321-76-4
2,3,7,8-Tetrachlorodibenzodioxin; TCDD	1746-01-6
Heptachlor; 3,4,5,6,7,8,8a-Heptachlorodicyclopentadiene; 1,4,5,6,7,8,8-Heptachlor-3a,4,7,7a-tetrahydro-4,7-metanoinden	76-44-8
3,4,5,6,9,9-Hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1a.alpha.,2.beta.,2a.alpha.,3.beta.,6.beta.,6a.alpha.,7.beta.,7a.alpha.)-2,7:3,6-dimethanonaphth[2,3-b]oxirene; Dieldrin	60-57-1
3,4,5,6,9,9-Hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1a.alpha.,2.beta.,2a.beta.,3.alpha.,6.alpha.,6a.beta.,7.beta.,7a.alpha.)-2,7:3,6-dimethanonaphth[2,3-b]oxirene; Endrin	72-20-8
Chlordecone (ISO); Perchloropentacyclo[5,3,0,0,2,6,0,3,9,0,4,8]decan-5-one; Decachloropentacyclo[5,2,1,0,2,6,0,3,9,0,5,8]decan-4-one	143-50-0
Hexabromobiphenyl; HBB	36355-01-8
Hexachlorocyclohexane, all isomers; HCH	608-73-1
Hexachlorocyclohexane, g-isomer; g-HCH; g-BHC; Lindane	58-89-9
Hexachlorocyclohexane, b-isomer; b-HCH	319-85-7
Hexachlorocyclohexane, a-isomer; a-HCH	319-84-6
Hexachlorobenzene; HCB	118-74-1
Pentachlorobenzene; PCB	608-93-5
PBDEs (polybrominated diphenylethers) 4-8	
Tetrabromodiphenylether; Tetra BDE	40088-47-9
Pentabromodiphenyl ether; Penta BDE	32534-81-9
Hexabromodiphenylether; Hexa BDE	36483-60-0
Heptabromodiphenylether; Hepta BDE	68928-80-3
Octabromodiphenylether (commercial, containing hexa and hepta bde); Octa BDE	32536-52-0
Perfluorooctane sulfonic acid - PFOS, metal salts, halides, amides and other derivatives - including polymers	
Octachlorocamphe; Camphechlor; Toxaphene	8001-35-2
Perchloropentacyclodecane; hexachloropentadiene dimer; Dodecachloropentacyclo[5.2.1.0,2.6.0,3,9,0,5,8]decane; Mirex	2385-85-5
Polychlorinated biphenyls (all); PCBs; Aroclor	1336-36-3

Chlordane; Octachloro-4,7-methanohydroindane	57-74-9
Hexachlorobutadiene	87-68-3
POPs candidates (proposed for Stockholm Convention)	
Short chain chlorinated paraffins; C10-13 Chloroalkanes; Alkanes, C10-13, chloro; SCCPs	85535-84-8
6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide; Endosulfan	115-29-7
Hexabromocyclododecane and all major diastereomers identified; HBCDD	25637-99-4
Hexachlorobutadiene	87-68-3
Polychlorinated naphthalenes (all); PCNs	70776-03-3
PCBs (polychlorinated biphenyls)	
1,1'-Biphenyl, chlorinated; All, 209 congeners; PCBs	1336-36-3
2,2',4,4',5,5'-Hexachlorobiphenyl; PCB153	35065-27-1
2,2',4,4'-Tetrachlorobiphenyl; PCB47	2437-79-8
3,3',4,4',5,5'-Hexachlorobiphenyl; PCB169	32774-16-6
3,3',4,4'-Tetrachlorobiphenyl; PCB77	32598-13-3
decachloro-1,1'-biphenyl	2051-24-3
Dichloro-1,1'-biphenyls	25512-42-9
Heptachloro-1,1'-biphenyls	28655-71-2
Hexachloro-1,1'-biphenyls	26601-64-9
Nonachloro-1,1'-biphenyls	53742-07-7
Octachloro-1,1'-biphenyls	31472-83-0
Pentachloro-1,1'-biphenyls	25429-29-2
Tetrachloro-1,1'-biphenyls	26914-33-0
Trichloro-1,1'-biphenyls	7012-37-5
PCTs (polychlorinated terphenyls)	
All, about 300	61788-33-8
PCDEs (polychlorinated diphenylethers)	
All	
PBDEs (polybrominated diphenylethers) - see RoHS	
Derivatives of PCBs, PCTs, PCDEs, PBBs, PBDEs (slightly modified)	
2,4,6-Trichloro-4'-nitrodiphenyl ether; Chloronitrophenene	1836-77-7
5,5'-Dichloro[1,1'-biphenyl]-2,2'-diol	31113-52-7
5,5'-Dichloro-2,2'-dihydroxy-3,3'-dinitrobiphenyl	10331-57-4
1,1'-(ethane-1,2-diy)bis(pentabromophenyl); Decabromodiphenylethane; DBDPE	84852-53-9
4-Bromo-2-fluoro-1,1'-biphenyl	41604-19-7
PCNs (polychlorinated naphthalenes)	
All	Several
Pentachloronaphthalene; Halowax 1013	1321-64-8
Hexachloronaphthalene; Halowax 1014	1335-87-1
Perfluorooctane sulfonic acid - PFOS, metal salts, halides, amides and other derivatives - including polymers	
Perfluorooctane sulfonic acid; PFOS	1763-23-1
Perfluorooctane sulfonates (salts), all	45298-90-6
PFOS, metal salts, halides, amides and other derivatives - including polymers	Several
Perfluorooctane sulfonamidoethanoles; FOSE	Several
Perfluorooctanesulfonamides	Several
N-Ethyl perfluorooctanesulfonamide; Sulfuramid	4151-50-2
1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)	1691-99-2
1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[2-(phosphonoxy)ethyl]-, diammonium salt	67969-69-1
2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulphonyl] amino]ethyl acrylate and vinylidene chloride	306975-62-2
Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulphonyl]-, potassium salt	2991-51-7
Perfluorooctane sulfonates (salts), all	45298-90-6
Perfluorooctane sulfonate potassium salt	2795-39-3
Perfluorooctane sulfonate ammonium salt	29081-56-9
Perfluorooctane sulfonate lithium salt	29457-72-5
Perfluorooctane sulfonate diethanolammonium salt	70225-39-5
Perfluorooctane sulfonate tetraethylammonium salt	56773-42-3
Perfluorooctane sulfonate didecyldimethylammonium salt	251099-16-8
Perfluorooctane sulfonyl fluoride	307-35-7
PFOA - Perfluorooctanoic acid and its salts	
Perfluorooctanoic acid	335-67-1
Perfluorooctanoic acid salts (all)	335-67-1
Ammonium salt of PFOA	3825-26-1
Bis(2-hydroxyethyl)ammonium perfluorooctanesulfonate	70225-14-8
Sodium salt of PFOA	335-95-5
Potassium salt of PFOA	2395-00-8
Silver salt of PFOA	335-93-3
Other Per- and Polyfluorinated substances	
Heptacosafuorotetradecanoic acid	376-06-7
Pentacosafuorotridecanoic acid	72629-94-8
Henicosafuoroundecanoic acid	2058-94-8
Tricosafuorododecanoic acid	307-55-1
1-Butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4-nonafluoro	375-72-4
1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro	423-50-7
Fluorotelomeralkoholes; FTOH	Several
1,1,2,2-Tetrahydroperfluoro-1-decanol; Fluorotelomer Alcohol 10+2	678-39-7
1,1,2,2-Tetrahydroperfluoro-1-dodececanol; Fluorotelomer Alcohol 8+2	865-86-1
Fluorotelomercarboxylates; FTCA	Several
Fluorotelomersulfonates; FTS	Several
Perfluorinated sulfonates and their salts; PFS	Several
Perfluorocarboxylic acids and their salts; PFCA	Several

1-Butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4,4-nonafluoro	375-72-4
1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro	423-50-7
1,1,2,2-Tetrahydroperfluoro-1-decanol; Fluorotelomer Alcohol 10+2	678-39-7
1,1,2,2-Tetrahydroperfluoro-1-dodececanol; Fluorotelomer Alcohol 8+2	865-86-1
Arsenic and its compounds	
Aluminum gallium arsenide	97404-76-7
Arsine	7784-42-1
Gallium arsenide	1303-00-0
Arsenic trichloride	7784-34-1

Endocrine disrupting substances

Nonylphenol and derivatives	
2,4-Dinonylphenol, branched	84852-14-2
4-Nonylphenol, branched and linear, all isomers with a carbon number of 9	several, e.g. 84852-15-3
4-Nonylphenol	104-40-5
4-Nonylphenol, branched	84852-15-3
4-Nonylphenol diethoxylate; NP2EO	20427-84-3
4-Nonylphenol, ethoxylated	26027-38-3
4-Nonylphenol, branched, ethoxylated	127087-87-0
4-Nonylphenol, branched and linear, ethoxylated	several, e.g. 84852-15-3
4-Nonylphenoxyacetic acid	3115-49-9
5-Nonylsalicylaldehyde oxime	50849-47-3
Nonylphenol	25154-52-3
Phenol, nonyl-, branched	90481-04-2
Nonylphenol, ethoxylated	9016-45-9
Nonylphenol, branched, ethoxylated	68412-54-4
Nonylphenol ethoxylates; Nonoxynol	20636-48-0
iso-Nonylphenol ethoxylates	37205-87-1
Nonylphenol polyethylene glycol ether; Nonoxynol	27177-01-1
Decaethylene glycol, isononylphenyl ether	65455-72-3
3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)-; Nonoxynol-9	26571-11-9
3,6,9,12,15,18,21-Heptaoxatricosan-1-ol, 23-(nonylphenoxy)-; Nonoxynol-8	27177-05-5
Tris(nonylphenyl) phosphite	26523-78-4
Phenol, nonyl-, manuf. of, by-products from, high-boiling	90481-05-3
Tri-substituted organostannic compounds	
Tri(cyclohexyl)tin hydroxide	13121-70-5
Tributyltin compounds; TBT	Several
Bis(tributyltin)oxide; TBTO	56-35-9
Tributyltin abietate	26239-64-5
Tributyltin benzoate	4342-36-3
Tributyltin chloride	1461-22-9; 56573-85-4
Tributyltin dodecanoate	3090-36-6
Tributyltin fluoride	1983-10-04
Tributyltin hydride	688-73-3
Tributyltin linoleate	24124-25-2
Tributyltin methacrylate	2155-70-6
Tributyltin methyl methacrylate polymer	26354-18-7
Tributyltin mono(naphthenoyloxy)*	85409-17-2
Tributyltin naphthenate	36631-23-9
Tributyltin oleate	3090-35-5
Tributyltin phthalate	4782-29-0
Tributyltin salicylate	4342-30-7
Tributyltin carboxylate	EDF-499
Tributyltin naphthalate	26636-32-8
Tributyltin polyethoxylate	EDF-500
Methyl methacrylate-tributyltin methacrylate copolymer	36643-28-4
Tri-n-propyltin; TPrT	2279-76-7
Tripropyltin hydride; TPrTH	761-44-4
Bis(tri-n-propyltin) oxide	1067-29-4
Triphenyltin compounds; TPT	Several
Triphenyltin 1+	668-34-8
Triphenyltin chloride	639-58-7
Triphenyltin acetate; Acetoxytriphenylstannane; Fentin acetate	900-95-8
Triphenyltin hydroxide; Hydroxytriphenylstannane; Fentin hydroxide	76-87-9
Stannane, fluorotris-p-chlorophenyl-	Several
Diocetyl tin compounds	
Dichlorodiocetyl stannane	3542-36-7
Diocetyl tin bis(2-ethylhexylmercaptoacetate)	15571-58-1
Dibutyl tin compounds	
Dibutyltin hydrogen borate	75113-37-0
Dibutyltin; DBT	1002-53-5
Dibutyltin dilaurate	77-58-7
Tin organic compounds others	
Tetra-butyltin; TTBT	1461-25-2
Tetraoctyltin	3590-84-9

Octyltin-tris(2-ethylhexyl mercaptoacetate)	27107-89-7
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Radioactive substances

Nickel triuranium decaoxide	15780-33-3
Monazite (thorium); (Ce, La, Pr, Nd, Th, Y)PO ₄	
Tritium	10028-17-8

Ozone depleting substances

BFCs (BromoFluoroCarbons - Halons), BCFCs (BromoChloroFluoroCarbons)	
Bromochlorodifluoromethane; CF ₂ BrCl; Halon-1211	353-59-3
Bromodichlorodifluoromethane; Halon-1121	353-58-2
Dibromo-tetrafluoroethane, group; R114 B2	25497-30-7
Bromotrifluoromethane; CBrF ₃ ; Halon-1301	75-63-8
Dibromotetrafluoroethane; C ₂ F ₄ Br ₂ ; Halon 2402	124-73-2
Dibromodifluoromethane; Halon-1202	75-61-6
CFCs (ChloroFluoroCarbons)	
Chloroheptafluoropropane; C ₃ F ₇ Cl	30143-46-5
Chloropentafluoroethane; C ₂ F ₅ Cl	76-15-3
Chlorotrifluoroethene; C ₂ F ₃ Cl	79-38-9
Chlorotrifluoromethane; CF ₃ Cl	75-72-9
Dichlorodifluoromethane; CF ₂ Cl ₂	75-71-8
Dichlorohexafluoropropane; C ₃ F ₆ Cl ₂	42560-98-5
Dichlorotetrafluoroethane; C ₂ F ₄ Cl ₂	1320-37-2
Heptachlorofluoropropane; C ₃ FCl ₇	422-78-6
Hexachlorodifluoropropane; C ₃ F ₂ Cl ₆	3182-26-1
Pentachlorofluoroethane; C ₂ FCl ₅	354-56-3
Pentachlorotrifluoropropane; C ₃ F ₃ Cl ₅	2354-06-5
Tetrachlorodifluoroethane; C ₂ F ₂ Cl ₄	28605-74-5
Tetrachlorotetrafluoropropane; C ₃ F ₄ Cl ₄	29255-31-0
Trichlorofluoromethane; CFC13	75-69-4
Trichloropentafluoropropane; C ₃ F ₅ Cl ₃ ; CFC-215	28109-69-5
Trichlorotrifluoroethane; C ₂ F ₃ Cl ₃ ; CFC-113	26523-64-8
HBFCs (HydroBromoFluoroCarbons)	
Bromodifluoroethane; C ₂ H ₃ F ₂ Br	359-07-9
Bromodifluoromethane; CHF ₂ Br; HBFC-22 B1	1511-62-2
Bromodifluoropropane; C ₃ H ₅ F ₂ Br	111483-20-6
Bromofluoroethane; C ₂ H ₄ FBr	762-49-2
Bromofluoromethane; CH ₂ FBr; HBFC-31 B1	373-52-4
Bromofluoropropane; C ₃ H ₆ FBr	1871-72-3
Bromohexafluoropropane; C ₃ HF ₆ Br	EDF-245
Bromopentafluoropropane; C ₃ H ₂ F ₅ Br	422-01-5
Bromotetrafluoroethane; C ₂ HF ₄ Br	75-63-8
Bromotetrafluoropropane; C ₃ H ₃ F ₄ Br	19041-01-1
Bromotrifluoroethane; C ₂ H ₂ F ₃ Br	421-06-7
Bromotrifluoropropane; C ₃ H ₄ F ₃ Br	460-32-2
Dibromodifluoroethane; C ₂ H ₂ F ₂ Br ₂	31392-96-8
Dibromodifluoropropane; C ₃ H ₄ F ₂ Br ₂	EDF-241
Dibromofluoroethane; C ₂ H ₃ FBr ₂	EDF-251
Dibromofluoromethane; CHFBr ₂ ; Halon 1102	1868-53-7
Dibromofluoropropane; C ₃ H ₅ FBr ₂	453-00-9
Dibromopentafluoropropane; C ₃ HF ₅ Br ₂	EDF-232
Dibromotetrafluoropropane; C ₃ H ₂ F ₄ Br ₂	460-86-6
Dibromotrifluoroethane; C ₂ HF ₃ Br ₂	354-04-1
Dibromotrifluoropropane; C ₃ H ₃ F ₃ Br ₂	EDF-244
Hexabromofluoropropane; C ₃ HFBr ₆	29470-94-8
Pentabromodifluoropropane; C ₃ HF ₂ Br ₅	EDF-235
Pentabromofluoropropane; C ₃ H ₂ FBr ₅	EDF-254
Tetrabromodifluoropropane; C ₃ H ₂ F ₂ Br ₄	148875-98-3
Tetrabromofluoroethane; C ₂ HFBr ₄	353-93-5
Tetrabromofluoropropane; C ₃ H ₃ FBr ₄	148875-95-0
Tetrabromotrifluoropropane; C ₃ HF ₃ Br ₄	EDF-234
Tribromodifluoroethane; C ₂ HF ₂ Br ₃	353-97-9
Tribromodifluoropropane; C ₃ H ₃ F ₂ Br ₃	666-25-1
Tribromofluoroethane; C ₂ H ₂ FBr ₃	306-80-92
Tribromofluoropropane; C ₃ H ₄ FBr ₃	EDF-249
Tribromotetrafluoropropane; C ₃ HF ₄ Br ₃	666-48-8
Tribromotrifluoropropane; C ₃ H ₂ F ₃ Br ₃	491-90-9
HCFCs (HydroChloroFluoroCarbons)	
1,1-Dichloro-1-fluoroethane; CH ₃ CFCl ₂ ; HCFC-141b	1717-00-6
1,3-Dichloro-1,1,2,2,3-pentafluoropropane; CF ₂ ClCF ₂ CHClF; HCFC-225cb	507-55-1
3,3-Dichloro-1,1,1,2,2-pentafluoropropane; CF ₃ CF ₂ CHCl ₂ ; HCFC-225ca	422-56-0
Chlorodifluoroethane; C ₂ H ₃ F ₂ Cl; HCFC-142	55949-44-5
Chlorodifluoroethane; CH ₃ CF ₂ Cl; HCFC-142b	338-64-7
Chlorodifluoromethane; CHF ₂ Cl; HCFC-22	75-45-6

Chlorodifluoropropane; C3H5F2Cl; HCFC-262	134190-53-7
Chlorofluoroethane; C2H4FCI; HCFC-151	1615-75-4
Chlorofluoromethane; CH2FCI; HCFC-31	593-70-4
Chlorofluoropropane; C3H6FCI; HCFC-271	134190-54-8
Chlorohexafluoropropane; C3HF6Cl; HCFC-226	134308-72-8
Chloropentafluoropropane; C3H2F5Cl; HCFC-235	134237-83-5
Chlorotetrafluoroethane; C2HF4Cl; HCFC-124	2837-89-0
Chlorotetrafluoropropane; C3H3F4Cl; HCFC-244	134190-50-4
Chlorotrifluoroethane; C2H2F3Cl; HCFC-133	1330-45-6
Chlorotrifluoropropane; C3H4F3Cl; HCFC-253	134237-44-8
Dichlorodifluoroethane; C2H2F2Cl2; HCFC-132	31153-51-2
Dichlorodifluoropropane; C3H4F2Cl2; HCFC-252	134190-52-6
Dichlorofluoroethane; C2H3FCl2; HCFC-141	25167-88-8
Dichlorofluoromethane; CHFCl2; HCFC-21	75-43-4
Dichlorofluoropropane; C3H5FCI2; HCFC-261	127404-11-9
Dichloropentafluoropropane; C3HF5Cl2; HCFC-225	127564-92-5
Dichlorotetrafluoropropane; C3H2F4Cl2; HCFC-234	70341-81-0
Dichlorotrifluoroethane; C2HF3Cl2; HCFC-123	354-23-4
Dichlorotrifluoropropane; C3H3F3Cl2; HCFC-243	134237-43-7
Hexachlorofluoropropane; C3HFCl6; HCFC-221	134237-35-7
Pentachlorodifluoropropane; C3HF2Cl5	134237-36-8
Pentachlorofluoropropane; C3H2FCI5	134190-48-0
Tetrachlorodifluoropropane; C3H2F2Cl4	134237-39-1
Tetrachlorofluoroethane; C2HFCl4	130879-71-9
Tetrachlorofluoropropane; C3H3FCI4	134190-49-1
Tetrachlorotrifluoropropane; C3HF3Cl4	29470-95-9
Trichlorodifluoroethane; C2HF2Cl3	55949-46-7
Trichlorodifluoropropane; C3H3F2Cl3	127564-90-3
Trichlorofluoroethane; C2H2FCI3	134237-34-6
Trichlorofluoropropane; C3H4FCI3	134190-51-5
Trichlorotetrafluoropropane; C3HF4Cl3	134237-38-0
Trichlorotrifluoropropane; C3H2F3Cl3	134237-40-4
Brominated/ chlorinated Alkanes	
1,1,1-Trichloroethane; C2H3Cl3	71-55-6
Bromochloromethane	74-97-5
Bromomethane; Methyl bromide; CH3Br	74-83-9
Tetrachloromethane; CCl4 ; Carbon tetrachloride	56-23-5

Greenhouse gases

Refrigerants and blowing agents with GWP > 2000	
Sulphur hexafluoride	2551-62-4
Nitrogen trifluoride	7783-54-2
Heptafluoropropane; C3HF7 ;	431-89-0
Hexafluoropropane; C3H2F6	690-39-1
Pentafluoroethane; C2HF5	354-33-6
1,1,1-Trifluoroethane; C2H3F3	420-46-2
Trifluoromethane; CHF3	75-46-7
Refrigerants and blowing agents with GWP > 15	
1,1,1,2,2,3-Hexafluoropropane; CH2F-CF2-CF3	677-56-5
1,1,1,2,3,3-Hexafluoropropane; CHF2-CHF-CF3	431-63-0
1,1,1,3,3-Pentafluorobutane; CF3-CH2-CF2-CH3	406-58-6
1,1,1,3,3-Pentafluoropropane; CHF2-CH2-CF3	460-73-1
Decafluoropentane; C5H2F10	138495-42-8
1,1-Difluoroethane; C2H4F2	75-37-6
Difluoromethane; CH2F2	75-10-5
Fluoromethane; CH3F	593-53-3
Pentafluoropropane; C3H3F5	679-86-7
1,1,2,2-Tetrafluoroethane; C2H2F4; HFC-134	359-35-3
1,1,1,2-Tetrafluoroethane; CH2F-CF3; HFC-134a	811-97-2
1,1,2-Trifluoroethane; C2H3F3	430-66-0
Perfluorocarbons (PFCs)	
Perfluorobutane; C4F10	355-25-9
Perfluorocyclobutane; C-C4F8	115-25-3
Perfluoroethane; C2F6	76-16-4
Perfluorohexane; C6F14	355-42-0
Perfluoromethane; R14	75-73-0
Perfluoropentane; C5F12	678-26-2
Perfluoropropane; C3F8	76-19-7

Allergenic and sensitizing substances

(Contact) allergens when exposure is likely	
Cobalt metallic (when exposure could occur under normal operating conditions)	7440-48-4
Nickel metallic (when exposure could occur under normal operating conditions)	7440-02-0
Allergens / sensitizers - Fragrances	

1H-3a,7-Methanoazulene, 2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-, 3R-(3.alpha.,3a.beta.,7.beta.,8a.alpha.) -; a-Cedren	469-61-4
2-(4-tert-Butylbenzyl)propionaldehyde; Lilial	80-54-6
3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one; g-Methylionone	127-51-5
Amyl cinnamal	122-40-7
Amylcinnamyl alcohol	101-85-9
Anisyl alcohol	105-13-5
Benzyl alcohol	100-51-6
Benzyl benzoate	120-51-4
Benzyl cinnamate	103-41-3
Benzyl salicylate	118-58-1
Cinnamal	104-55-2
Cinnamyl alcohol	104-54-1
Citronellol	106-22-9
Coumarin	91-64-5
Dimethyl methylmaleate; Dimethyl citraconate	617-54-9
d-Limonene	5989-27-5
Eugenol; 2-Allyl-6-methoxyphenol	97-53-0
Estragole	140-67-0
Farnesol	4602-84-0
Geraniol	106-24-1
Hexyl cinnamaldehyde	101-86-0
Hydroxy-citronellal	107-75-5
Hydroxy-methylpentyl-cyclohexenecarboxaldehyde	31906-04-4
Isoeugenol	97-54-1
Linalool	78-70-6
Methyl 2-octynoate	111-12-6
Methyl heptin carbonate	111-12-6
Musk ketone	81-14-1
Oak moss extract	90028-68-5
Terpenes and Terpenoids, turpentine-oil, 3-carene fraction	91770-80-8
Terpenes and Terpenoids, turpentine-oil, alpha-pinene fraction	65996-96-5
Treemoss extract	90028-67-4
Allergens / sensitizers - miscellaneous	
Hexahydromethylphthalic anhydride	25550-51-0
Hexahydro-4-methylphthalic anhydride	19438-60-9
Hexahydro-1-methylphthalic anhydride	48122-14-1
Hexahydro-3-methylphthalic anhydride	57110-29-9
Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
cis-Cyclohexane-1,2-dicarboxylic anhydride	13149-00-3
trans-Cyclohexane-1,2-dicarboxylic anhydride	14166-21-3
3,4-Dichloroaniline	95-76-1
Latex / natural rubber	9006-04-6
Methenamine	100-97-0
Nickel and nickel compounds (unless CMR 1&2 or contact)	8049-31-8
Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol	64365-17-9
Rosin, colophonium	8050-09-7
Diazene-1,2-dicarboxamide; C,C'-azodi(formamide)	123-77-3

Biocides

Biocides all	
Carbamic acid, (3-methylphenyl)-, 3-((methoxycarbonyl)amino)phenyl ester; Phenmedipham	13684-63-4
Zinc ethene-1,2-bisdithiocarbamate; Zineb	12122-67-7
3-Amino-1,2,4-triazole; Amitrol	61-82-5
Abamectine; (10E,14E,16E)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacos-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-arabino-hexopyranosyl)-3-O-methyl-α-L-arabino-hexopyranoside	71751-41-2
Avermectine B1a; (10E,14E,16E)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacos-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-arabino-hexopyranosyl)-3-O-methyl-α-L-arabino-hexopyranoside	65195-55-3
Bis(hydrogenated tallow)dimethylammonium chloride; DHTDMAC	61789-80-8
Dimethyldiallowammonium chloride	68783-78-8
Distearyl-dimethyl-ammoniumchloride; DODMAC; DSDMAC	107-64-2
Bis(p-chlorophenyl)acetic acid; p,p'-DDA	83-05-6
Sodium N-methyldithiocarbamate; Metam Sodium	137-42-8
Bis(Dimethylthiocarbamoyl)disulphide; Thiram	137-26-8
2-Methyl-4-oxo-3-(penta-2,4-dienyl)cyclopent-2-enyl [1R-[1a(S*(Z))](3-b)-3-(3-methoxy-2-methyl-3-oxoprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate; Pyrethrin	121-29-9
Formaldehyde releasing preservatives	
1,3-Dimethylol-5,5-dimethylhydantoin DMDM hydantoin	6440-58-0
2-Bromo-2-nitropropane-1,3-diol; Bronopol	52-51-7
Quaternium-15	4080-31-3
Dimethyl fumarate	624-49-7

Miscellaneous banned or restricted substances

Pentachlorophenol and its salts and esters; PCP	
Sodium pentachlorophenolate	87-86-5
Potassium pentachlorophenolate	131-52-2
	7778-73-6

Formaldehyde, materials emitting Formaldehyde during use in concentrations above class E1 (DIN EN 120)	50-00-0
Chlorinated solvents	
1,1 Dichloroethylene	75-35-4
1,1,1,2 Tetrachloroethane	630-20-6
1,1,2 Trichloroethane	79-00-5
1,1,2,2 Tetrachloroethane	79-34-5
Trichloromethane; Chloroform	67-66-3
Hexachloroethane; R110	67-72-1
Pentachloroethane	76-01-7
Dichloromethane; Methylene chloride	75-09-2
1,2,3-Trichlorobenzene	87-61-6
1,2,4-Trichlorobenzene	120-82-1
1,3,5-Trichlorobenzene	108-70-3
1,2-Dichlorobenzene; o-Dichlorobenzene	95-50-1
1,4-Dichlorobenzene; p-Dichlorobenzene	106-46-7

Miscellaneous substances of concern

Polyvinyl chloride; PVC	9002-86-2 93050-82-9
Halogenated organic compounds / flame retardants	
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	25068-38-6
2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	40039-93-8
[1a(S*),3a]-(+ -)-Cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)- 2,2-dimethylcyclopropanecarboxylate	
2,2,2-Trichloro-1,1-bis(4-chlorophenyl) ethanol	115-32-2
3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl)-methyl ester	52315-07-8
4-Bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethyl-pyrrole-3-carbonitrile	122453-73-0
Bis(2,4-dichloro-5-nitrophenyl) carbonate	39489-75-3
Cyclopropanecarboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-, cyano(3-phenoxyphenyl)methyl ester, [1.alpha.(S*),3.alpha.(Z)]-(+.-)-	91465-08-6
Dibromomethane	74-95-3
Dibromodichloromethane	594-18-3
Bromochloromethane	
Tribromomethane	75-25-2
Dodecachlorodimethan-o-dibenzocyclooctane	13560-89-9
Hexachlorocyclopentadiene	77-47-4
Medium-chained chlorinated paraffins C14-C17	85535-85-9
Chlorinated paraffins (not sccp, mccc) all others	Several; 63449-39-8
Chlorinated n-paraffins (C6-18)	68920-70-7
Alkanes, C10-21, chloro	84082-38-2
Alkanes, chloro; Chloroparaffins	61788-76-9
2,3,4,5,6,8-Hexachlorodecane	51990-12-6
Pentachlorobenzenethiol	133-49-3
Sulfonyl chlorides, C16-34-alkane, chloro	91082-32-5
2-[4-[[3-Chloro-5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]-propanoic acid 2-ethoxyethyl ester; Haloxyfop-etotyl	87237-48-7
2-Chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine; Atrazine	1912-24-9
2-Chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide; Acetochlor	34256-82-1
Chlorocresol	59-50-7
1,1,1,2-Tetrachloro-2,2-bis(4-chlorophenyl)ethane ; Tetrachloro DDT	3563-45-9
Chlordimeform; N'-(4-Chloro-o-tolyl)-N, N-dimethylformamidine	6164-98-3
Chlordimeform Hydrochloride; N'-(4-Chloro-o-tolyl)-N, N-dimethylformamidine hydrochloride	19750-95-9
2-Chlorobiphenyl; PCB 1	2051-60-7
3-Chlorobiphenyl; PCB 2	2051-61-8
4-Chlorobiphenyl; PCB 3	2051-62-9
Brominated organic flame retardants (unless falling into another category as well)	Several
Brominated polystyrene	88497-56-7
2,2-Dibromostyrene	31780-26-4
Arylbrominated styrene (mono-, di- and tri-bromostyrene)	125904-11-2
Polydibromostyrene	31780-26-4
Dibromostyrene grafted PP	171091-06-8
Poly-tribromostyrene	57137-10-7
1,3-Butadiene homopolymer, brominated	68441-46-3
Poly(2,6-dibromophenylene oxide)	69882-11-7
(Poly)pentabromobenzyl acrylate polymer	59447-57-3
2-Propenoic acid, (pentabromophenyl)methyl ester; Pentabromobenzyl acrylate	59447-55-1
1,1'-(1-Methylethylidene)bis[3,5-dibromo-4-(2,3-dibromopropoxy)-benzene	21850-44-2
1,3,6,8-Tetrabromo-pyrene	128-63-2
2,3-Dibromo-2-butene-1,4-diol	3234-02-4
2-Bromoethyl 3-bromoneopentyl 2-chloroethyl phosphate	125997-20-8
2,4-Dibromophenyl phosphate	49690-63-3
Tris(tribromoneopentyl) phosphate	19186-97-1
Chlorinated brominated phosphate ester	125997-20-8
Diester of tetrabromophthalic acid	20566-35-2
[2-Hydroxypropyl]-[2-(2-hydroxyethoxy)-ethyl] tetrabromophthalate	20566-35-2
Tetrabromophthalic acid, disodium salt	25357-79-3
2-Ethylhexyl 2,3,4,5-tetrabromobenzoate; EHTeBB	183658-27-7
2-Ethylhexyl 2,3,4,5-tetrabromobenzoate mixture with (2-Ethylhexyl) tetrabromophthalate; Firemaster Bz-54	EU-428-050-2

Bis-(2-ethylhexyl) tetrabromophthalate; BEHTBP	26040-51-7
Pentabromobenzyl acrylate	59447-55-1
Tetrabromobisphenol A ; TBBPA	79-94-7
Tetrabromobisphenol A diglycidyl-ether epoxy oligomer	32844-27-2
Tetrabromobisphenol A diglycidyl-ether carbonate oligomer	71342-77-3
Tetrabromobisphenol A, bis(2,3-dibromopropyl) ether	21850-44-2
Tetrabromobisphenol A-bis-(allylether)	25327-89-3
Tetrabromobisphenol A, dimethylether	37853-61-5
Tetrabromobisphenol S	39635-79-5
Tetrabromobisphenol A-bis-(2-hydroxyethylether)	4162-45-2
2,2-Bis(bromomethyl)-1,3-propanediol; Dibromoneopentyl glycol; FR 1138	3296-90-0
1,2-Dibromo-4-(1,2-dibromomethyl)cyclohexane	3322-93-8
Tris-(2,3-dibromopropyl) isocyanurate; TBC	52434-90-9
Tribromoneopentylalcohol	36483-57-5
1,3,5-Tris(2,3-dibromo-propoxy)-2,4,6-triazine	52434-59-0
Tetradecabromodiphenoxybenzene; 1,4-Bis(pentabromophenoxy)-tetrabromobenzene	58965-66-5
Decabromodiphenoxiethane	61262-53-1
Decabromodiphenylethane	84852-53-9
Tetrabromophthalic anhydride; Bromophthal	632-79-1
Bromo-chlorinated paraffins	68527-01-5
(Poly)bromophenols:	Several
2,4-Dibromophenol	615-58-7
2,4,6-Tribromophenol	118-79-6
Tribromophenyl allylether; ATE	3278-89-5
2-Bromoallyl-2,4,6-tribromophenyl ether: BATE	
2,4,6-Tribromoanisole; tribromophenyl methylether; TBA	607-99-8
1,2-Bis(2,4,6-tribromophenoxy)ethane; FireMaster 680	37853-59-1
2,3-Dibromopropyl-2,4,6-tribromophenyl ether; DBTE	35109-60-5
2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine	25713-60-4
Pentabromophenol; Flammax 5BP	608-71-9
Ethylene-bistetraabromophthalimide	32588-76-4
Pentabromoethylbenzene; PBEB	85-22-3
2,3,4,5,6-Pentabromotoluene; PBT	87-83-2
Hexabromobenzene; HBB	87-82-1
1,3,5-Tribromo-2-(2,3-dibromo-2-methylpropoxy)-benzene	36065-30-2
Halogenated organic phosphorous compounds	
Phosphonothioic acid, ethyl-, O-ethyl O-(2,4,5-trichlorophenyl) ester; Trichloronate	327-98-0
Tris(1-chloroisopropyl)phosphate; TCPP	13674-84-5
Tris(2-chloropropyl)phosphate; TCPP	6145-73-9
Tris(2-chloro-1-chloromethyl)ethyl phosphate; TDCPP	13674-87-8
1,3-Dichloro-2-propanol phosphate (3:1); TDCPP	13674-87-8
2,2-Bis(chloromethyl)propane-1,3-diyltetrakis(2-chloroethyl) bisphosphate; V&	38051-10-4
Bis(2-Chloroethyl)phosphoramidate-cyclicpropanolamideester; Cyclophosphamide	50-18-0
Conflict Minerals and their derivatives	
Gold	7440-57-5
Tantalum	7440-25-7
Tungsten	7440-33-7
Tin	7440-31-5
Other substances of concern	
1,2,4-Trimethylbenzene	95-63-6
1-tert-Butyl-4-methylbenzene	98-51-1
2,2'-[[[4-Methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol	80584-89-0
2,2'-[[[5-Methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol	80584-88-9
Boric acid, compd. with 2-aminoethanol	68425-67-2
Boric acid, zinc salt	1332-07-6
Decamethylcyclopentasiloxan; D5	541-02-6
Diethylene glycol monomethyl ether; 2-(2-Methoxyethoxy)ethanol	112-35-6
Hexamethyldisiloxane	107-46-0
Mesitylene	108-67-8
Orthoboric acid, compound with 2-aminoethanol	26038-87-9
Polyethadene	9003-23-0
Terphenyl, hydrogenated	61788-32-7
Aromatic Hydrocarbons not classified as CMR	
Ethylbenzene	100-41-4
Polycyclic Aromatic Hydrocarbons not classified as CMR	
1-Nitropyrene	5522-43-0
2-Methylphenanthrene	2531-84-2
9,10-Dimethylanthracene	781-43-1
9H-Fluorene	86-73-7
Acenaphthene	83-32-9
Benz[a]anthracene, 7,12-dimethyl-	57-97-6
Benz[b]anthracene; naphthacene	92-24-0
Benzo[a]fluorene; Chrysofluorene	238-84-6
Benzo[b]fluorene	243-17-4
Benzo[c]fluorene	205-12-9
Benzo[ghi]fluoranthene	203-12-3
Benzo[ghi]perylene	191-24-2
Benzo[jk]fluorene; Fluoranthene	206-44-0
b-Pyrene; Benzo(d,e,f)phenanthrene	129-00-0
Chrysene, 1-methyl-	3351-28-8

Chrysene, 6-methyl-	1705-85-7
Coal tar pitch, high temperature	65996-93-2
Coronene	191-07-1
Dibenz[a,j]anthracene	224-41-9
Dibenz[de,kl]anthracene; Perylene	198-55-0
Dibenzo[ac]anthracene; Benzo[b]triphenylene	215-58-7
Dibenzo[def,mno]chrysene; Anthanthrene	191-26-4
Extracts (petroleum) heavy paraffin distillate solvent	64742-04-7
Naphthalene	91-20-3
Diisopropylnaphthalene	38640-62-9
Perylene-3,4:9,10-tetracarboxylic acid dianhydride	128-69-8
Phenanthrene	85-01-08
Terphenyl	26140-60-3

Substance Name	Main identifier
REACH 1907/2006/EC Annex XVII	
Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers (DBBT)	99688-47-8
Monomethyl-dicloro-diphenyl methane (Ugilec 121)	81161-70-8
Monomethyl-tetraclorodiphenyl methane (Ugilec 141)	76253-60-6
2-(2-methoxyethoxy)ethanol (DEGME)	111-77-3
2-(2-butoxyethoxy)ethanol (DEGBE)	112-34-5
Triclororbenzene	120-82-1
4-Nitrobiphenyl	92-93-3