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bluesign System Black Limits (BSBL)

Threshold limit values for chemical substances in chemical products

bluesign

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1 Introduction

The bluesign System Black Limits (BSBL) document defines strict threshold limits for hazardous chemical substances in finished chemical products, such as auxiliaries and dyes. These substances are prohibited from intentional use in the manufacturing of articles and consumer products, including apparel and footwear, due to their harmful properties. Examples include substances classified as carcinogenic, mutagenic, or toxic to reproduction, as well as those regulated under legislation such as the POPs Regulation (Persistent Organic Pollutants) and other relevant chemical laws.

Many substances listed in the BSBL also appear in the publicly available bluesign System Substances List (BSSL), which outlines safe limits for chemicals in finished consumer goods. The BSBL serves as a minimum requirement and acts as a gatekeeper against the use of hazardous substances, applying a precautionary, hazard-based approach. Its threshold limits are generally independent of specific applications.

All chemical products registered in the bluesign Finder - a verified list of commercially available chemicals that have passed the bluesign chemical assessment - comply with BSBL thresholds. Compliance with BSBL is a core component of the broader bluesign chemical assessment, which includes a detailed evaluation of hazard and risk to ensure worker safety, consumer protection, and environmental responsibility.

Data used in these assessments are provided by bluesign System Partner companies in the chemical industry, recognized for their strong commitment to product stewardship and exemplary performance in environmental and occupational health and safety. High quality data from these trusted partners is essential for conducting accurate and reliable evaluations of chemical products.

The BSBL is updated annually and is designed to align with other industry standards, including the ZDHC MRSL (Zero Discharge of Hazardous Chemicals Manufacturing Restricted Substances List).

2 Definitions and Abbreviations

2.1 BSBL

bluesign System Black Limits. The BSBL specifies threshold limits for chemical substances in finished chemical products such as auxiliaries or dyes.

2.2 BSSL

bluesign System Substances List. The BSSL specifies consumer safety limits for chemical substances in articles. It also defines usage bans for chemical substances prohibited from the manufacturing of articles.

2.3 bluesign Finder

Online database containing blue and grey rated chemical products (e.g., dyestuffs, auxiliaries) that meet the bluesign criteria. It serves as a search engine designed to help manufacturers find certified chemical products.

2.4 bluesign System

The bluesign System integrates the relevant players across the supply chain, sets criteria and defines actions that determine their behavior towards human and environmentally friendly production and products.

2.5 bluesign Tool

Web-based application for chemical assessment and rating of chemicals.

2.6 CAS Number

A unique numerical identifier assigned by the Chemical Abstracts Service to a specific chemical substance.

2.7 Chemical Product / Chemical

A commercial product placed on the market by chemical suppliers, which can be a chemical substance or a mixture of chemical substances.

2.8 Chemical Substance

A chemical element and its compounds with constant composition and properties. It is defined by the CAS number.

2.9 Member

This term describes a member of a group of restricted substances. It can be a chemical substance, or a subgroup of substances.

2.10 Mixture

A chemical product composed of two or more substances. It can be, for example, a colorant or an auxiliary.

2 Definitions and Abbreviations

2.11 Monitoring

In cases where a limit value is accompanied with the limit type 'monitoring' it should be the goal to be below the defined threshold. Exceeding the limit will not lead to a 'black' (i.e. not meeting the criteria) rating but to a 'grey' rating (i.e. improvement possible).
The limit type 'monitoring' can be allocated for different reasons:

- For some chemical substances toxicological and / or ecological properties are not yet sufficiently available. Therefore, the risk assessment cannot be completed.
- For some substances sufficient information on possible / typical contamination in articles and chemical products is not available yet. Those substances are under observation. Exact restrictions will be defined as soon as more information exists.
- For some substances, minimization requirements are defined (e.g., EDTA, Phosphonates). Those substances do not pose a high risk to people and the environment but use and discharge should be limited as far as possible to reduce impact.

2.12 Sector of Use

The Sector of Use is part of an innovative concept for the assessment of chemical products. bluesign uses an approach similar to the REACH system for risk-based evaluation of chemical substances and transfers it to the evaluation of chemical products. This allows a product, process and industry specific assessment of risks to people and the environment that can be adapted to all kind of industries. Some Sectors of Use are combined into groups. The applied Sectors of Use are shown in the following table:

Sector of Use Group	Sector of Use
Textile	Fibers yarns
	Textile articles including fabrics, laminates and non-woven fabric
	Garments and other finished textile articles
Down/feather	Down and feather articles
Leather	Leather articles
Polymer parts	Plastic articles
	Rubber articles
Metal parts	Fabricated metal articles
	Basic metals, including alloys

2 Definitions and Abbreviations

2.13 Several

When a substance group is not defined by a single CAS number, the field CAS Number contains the entry 'Several'. Several does not always mean that the whole substance group is restricted (e.g. aldehydes, amines). In case of a restriction on the whole substance group, it is reflected by a defined limit in the column 'value' or a corresponding comment. For substance groups, especially extensive ones, some or all members are listed in Annex I. When group members are listed in Annex I, this is indicated in the comment for the group.

2.14 Substance Groups

For better readability and to show the hierarchy of substance groups the BSSL lists:

- **Main substance groups (bold, normal letter)**
- ***Substance groups (bold,italic letter)***
- *Substance subgroups (italic letter)*
- Single substance (normal letter)

2.15 Threshold Limit Value

The maximum amount of a chemical substance permitted in a finished chemical product, independent from process and application conditions, to be registered in the bluesign Finder. In addition to the threshold limit compliance check the bluesign Tool calculates individual substance concentrations on article level considering process and application conditions and compares them to the BSSL limits. To comply with BSSL limits, substance concentrations that are even more stringent than the BSBL threshold limits may need to be assured in the chemical product.

2.16 Detection Limit (DL)

The lowest quantity of a substance that can be distinguished from the absence of that substance with a stated confidence level.

2.17 Quantification Limit (QL)

The lowest analyte concentration that can be quantitatively detected with a stated accuracy and precision.

2.18 Usage Ban

For many chemical substances or substance groups, a usage ban is defined in the BSBL and BSSL. For these substances or substance groups intentional use in the manufacturing of articles is prohibited. This means that chemical products (e.g. colorants or textile auxiliaries) used for manufacturing articles must not intentionally contain these substances or substance groups.

2.19 Usage Restriction

For some substances or substance groups, a usage restriction is defined. In these cases, an intentional use is allowed, but the concentration in the chemical product must meet the defined limit.

3 Testing Methods

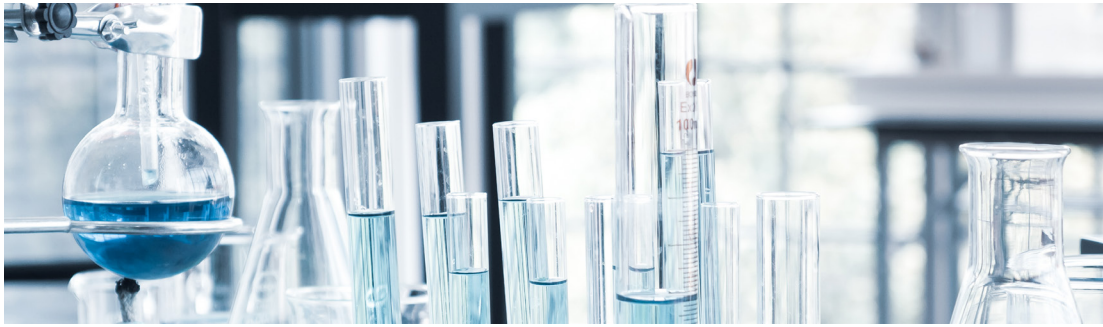
Testing shall be the last resort to confirm the absence of BSBL substances in finished chemical products (mixtures). This evidence is preferably adduced by Input Stream Management. That means, for example, appropriate selection of raw material suppliers, defining raw materials specifications, raw material control, process- and quality management at the production site.

Recommended analytical test methods (e.g. GC-MS or LC-MS) are given in a separate column in the tables of section 6. Wherever possible, reference to a standard method (e.g. ISO) is given. Sample preparation depends strongly on the sample matrix (powder, liquid, solvent– or water based, pH, viscosity of the mixture, other substances in the mixture, etc.).

Therefore, the choice of sample preparation is tailor-made for each single tested chemical product and shall always be adjusted to the sample matrix. All testing methods shall define the total content of the substance in the mixture. High recovery rate and low uncertainty shall be achieved. Robustness of the method shall be given.

4 SVHC

Some substances of very high concern (SVHC; Candidate List in accordance with Article 59(10) of the REACH Regulation) are listed in the BSBL with limits that can be lower than the EU defined limit of declaration (which is 1000 mg/kg). For all SVHCs not directly listed in the BSBL, a threshold limit of 1000 mg/kg is defined and the reporting limit is set to 100 mg/kg.



5 Scope and Validity

5.1 Scope

This document specifies threshold limits for chemical substances in chemical products. All bluesign Approved chemical products must comply with these limits.

5.2 Validity

BSBL 7.0 comes into force on 1st July 2025. It replaces the bluesign System Black limits (BSBL), version 6.0 from 1st July 2024. This document is revised annually in line with the latest legislation and research. It is supported by stakeholder comments from industry experts including representatives from bluesign System Partners. For all bluesign System Partner companies the implementation of the revised sections, unless stated otherwise, shall be effective by 1st July 2026 at the latest.

Chemicals certified after the revision date of this version of the BSBL shall adhere to the stated limits.

6 Threshold Limit Values

This chapter informs on threshold limits for chemical substances in chemical products (see following tables). Annex I lists individual substances that belong to substance groups.
If a substance belongs to a restricted substance group, the group restriction applies even if its specific CAS number is not listed (e.g., a PFAS substance that falls under a listed group but is not explicitly named in the Annex).

6.1 PFAS phase-out

Following the bluesign PFAS phase out program there are specific restrictions and bans for PFAS based chemicals and articles:

- From July 2022 bluesign Finder registration of new PFAS containing chemicals was no longer possible.
- By July 2023 all bluesign Approved PFAS containing chemicals were removed from the bluesign Finder.
- From July 2023 bluesign Guide registration of new articles that were treated with PFAS containing chemicals was no longer possible.
- By January 2025 all bluesign Approved articles that were treated with PFAS containing chemicals were removed from the bluesign Guide
- Exceptions might be possible, for more details see last version of the 'Guidance Sheet PFAS phase out'

To confirm compliance with specific PFAS limits given in this document, analytical proof can be provided with the proposed strategy:

- Step 1: screening test for total Fluorine via combustion and ion chromatography (EN14582 (2016) or ASTM D7359 (2023); Quantification Limit: 50 mg/kg).
- Step 2: Perform a targeted PFAS analysis in case the result of Step 1 is above the Limit of Detection (LoD). The limit values for each individual PFAS according to BSBL/BSSL must be kept. Information on recommended testing methods is given in the limit tables in chapter 6.
- To be on the safe side a targeted PFAS analysis (Step 2) is recommended even if the test in Step 1 shows no detection. Besides individual substance testing, information from the supply chain on possible fluorine compounds should be gathered.

bluesign follows the PFAS definition indicated in the general EU restriction proposal on PFAS which is based on the following OECD definition:

Any substance that contains at least one fully fluorinated methyl (CF3-) or methylene (-CF2-) carbon atom (without any H/Cl/Br/I attached to it).

A substance that only contains the following structural elements is excluded from the scope of the restriction: CF3-X or X-CF2-X'

where X = -OR or -NRR' and X' = methyl (-CH3), methylene (-CH2-), an aromatic group, a carbonyl group (-C(O)-), -OR", -SR" or –NR"R"'

and where R/R'/R"/R"' is a hydrogen (-H), methyl (-CH3), methylene (-CH2-), an aromatic group or a carbonyl group (-C(O)-).

This definition also affects substances that do not fall into the typical application of water/oil/stain repellents.

6 Threshold Limit Values

6.2 ETAD listed metals

With revision 7.0 of the BSBL all ETAD listed metals (https://etad.com/wpcontent/uploads/ETAD-mandatory-limits-for-impurities-in-dyes_Rev-2017.pdf) are explicitly mentioned with indication of the limit's applicability (pigments and dyestuff). All bluesign System Partner companies are obliged to keep the ETAD limits for metals in pigments and dyestuff.

6.3 Arylamines

Azo colorants that can cleave restricted arylamines above the threshold limit cannot be certified. Chemical products that contain restricted arylamines in their free form above the threshold limit cannot be certified. Well substantiated false positive detections of arylamines according to test method ISO14362-1:2017 do not lead to a ban of chemical products if consumer safety risk can be excluded.

6.4 Encapsulated products

Encapsulated chemical products (e.g. encapsulated enzymes) are not eligible for certification unless it is proven that the capsule material is biodegradable according to OECD 301 or OECD 302 standard methods and made from renewable resources.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Aldehydes							
Acrolein	107-02-8	All	Usage ban	50	mg/kg	LC-MS	
Acetaldehyde	75-07-0	All	Usage ban	500	mg/kg		
Glutaraldehyde	111-30-8	All	Usage ban	1000	mg/kg		Usage allowed as in-can preservative (< 1000 ppm).

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Alkylphenolethoxylates (APEOs)							
Nonylphenol ethoxylates (NPEO)	Several	All	Usage ban	100	mg/kg	According to ISO 18254-1 (2016)	For sum of all allocated Members/Substances. Single Members/Substances listed in Annex.
Octylphenol ethoxylates (OPEO)	Several	All	Usage ban	100	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Alkylphenols (APs)							
4-tert-Butylphenol	98-54-4	All	Usage ban	100	mg/kg	According to ISO 21084 (2019)	
p-(1,1-Dimethylpropyl) phenol	80-46-6	All	Usage ban	100	mg/kg		
4-Heptylphenol, branched and linear	Several	All	Usage ban	100	mg/kg		For sum of all allocated Members/Substances. Single Members/Substances listed in Annex.
Octylphenol (OP), mixed isomers	Several	All	Usage ban	100	mg/kg		
Nonylphenol (NP), mixed isomers	Several	All	Usage ban	100	mg/kg		
Dodecylphenol, mixed isomers	27193-86-8	All	Usage ban	100	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Amines							
Aminoethylethanolamine - (AEEA)	111-41-1	All	Usage ban	10	mg/kg	GC-MS	
Fatty acid condensation products with AEEA which may cleave to AEEA		All	Usage ban	100	mg/kg	LC-MS	
Ethylenediamine	107-15-3	All	Usage ban	1000	mg/kg	GC-MS	
Imidazole	288-32-4	All	Usage ban	10	mg/kg		
Melamine	108-78-1	All	Usage ban	1000	mg/kg		
2-Naphthylphenylamine	135-88-6	All	Usage ban	10	mg/kg		
Anilines, its salts and compounds	Several						
Aniline - free content	62-53-3	All	Usage restriction	500	mg/kg	LC-MS	Free content. Exceptional limit for Indigo: 2000 mg/kg (only valid when Indigo content of the preparation ≥ 30%). Testing: Indigo with reduction step, see bluesign® FACT SHEET Aniline.
Phenylenediamines and its salts	Several						
p-Phenylenediamine and its salts	Several						
p-Phenylenediamine	106-50-3	All	Usage ban	150	mg/kg	GC-MS	
p-Phenylenediamine-dihydrochloride	624-18-0	All	Usage ban	150	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Arylamines							
Arylamines	Several	All	Usage ban			LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Usage ban 150 mg/kg for every allocated arylamine and its corresponding salts // Goal is 100 mg/kg (as substance for example in PU or by reductive cleavage of azo colorants)
o-Aminoazotoluene and its salts	Several	All	Usage ban	150	mg/kg		Goal: 100 mg/kg Single Substances listed in Annex
p-Aminoazobenzene and its salts	Several	All	Usage ban	150	mg/kg		
4-Aminobiphenyl and its salts	Several	All	Usage ban	150	mg/kg		
6-Amino-2-ethoxynaphthalene and its salts	Several	All	Usage ban	150	mg/kg		
4-Amino-3-fluorophenol and its salts	Several	All	Usage ban	150	mg/kg		
4-Chloroaniline and its salts	Several	All	Usage ban	150	mg/kg		
2,4-Diaminoanisole and its salts	Several	All	Usage ban	150	mg/kg		
4,4'-Diaminodiphenylmethane and its salts	Several	All	Usage ban	150	mg/kg		
2,4-Diaminotoluene and its salts	Several	All	Usage ban	150	mg/kg		
4,4'-Methylenebis-(2-chloraniline) and its salts	Several	All	Usage ban	150	mg/kg		
2-Naphthylamine and its salts	Several	All	Usage ban	150	mg/kg		
2-Anisidine and its salts	Several	All	Usage ban	150	mg/kg		
Benzidine and its salts	Several	All	Usage ban	150	mg/kg		
3,3'-Dimethylbenzidine and its salts	Several	All	Usage ban	150	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Arylamines							
3,3'-Dichlorobenzidine and its salts	Several	All	Usage ban	150	mg/kg		
o-Dianisidines and its salts	Several	All	Usage ban	150	mg/kg		
Dianilines and its salts	Several						
4,4'-Oxydianiline and its salts	Several	All	Usage ban	150	mg/kg	LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex
4,4'-Thiodianiline and its salts	Several	All	Usage ban	150	mg/kg		
Toluidines and its salts	Several						
p-Cresidine and its salts	Several	All	Usage ban	150	mg/kg	LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex
m-Toluidine and its salts	Several	All	Usage ban	150	mg/kg		
o-Toluidine and its salts	Several	All	Usage ban	150	mg/kg		
p-Toluidine and its salts	Several	All	Usage ban	150	mg/kg		
4,4'-Methylenedi-o-toluidine and its salts	Several	All	Usage ban	150	mg/kg		
Nitrotoluidines and its salts	Several						
2-Amino-4-nitrotoluene and its salts	Several	All	Usage ban	150	mg/kg	LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex
Chlorotoluidines and its salts	Several						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Arylamines							
4-Chloro-2-toluidine and its salts	Several	All	Usage ban	150	mg/kg	LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex
Trimethylanilines and its salts	Several						
2,4,5-Trimethylaniline and its salts	Several	All	Usage ban	150	mg/kg	LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex
Xylidines and its salts	Several						
2,4-Xylidine and its salts	Several	All	Usage ban	150	mg/kg	LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex
2,6-Xylidine and its salts	Several	All	Usage ban	150	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Biocides							
2-Chloroacetamide	79-07-2	All	Usage ban	10	mg/kg	GC-MS	
Dichlorophen	97-23-4	All	Usage ban	10	mg/kg	LC-MS	
Dimethylfumarate	624-49-7	All	Usage ban	10	mg/kg	ISO 16186 (2021)	
N-Methylol-chloroacetamide	2832-19-1	All	Usage ban	100	mg/kg	GC-MS	
Permethrin	52645-53-1	All	Usage ban	10	mg/kg	GC-MS LC-MS	Exception valid for chemical products foreseen for usage range C: see bluesign® criteria for biocidal products and antimicrobial active substances
Pyrithione zinc	13463-41-7	All	Usage ban	50	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016)	Testing: Metal content, in case of positive result further testing with CE/ICP-MS
Triclosan	3380-34-5	All	Usage ban	10	mg/kg	ISO 22992-2	
Chlorinated and non-chlorinated Isothiazolinone-derivatives	Several	All	Usage ban			LC-MS	Usage ban for every allocated Member/Substance
Dichlorooctyl isothiazolinone - (DCOIT)	64359-81-5	All	Usage ban	100	mg/kg	LC-MS/MS	
o-Phenylphenol and its salts	Several	Textiles	Usage restriction	5000	mg/kg	EN 17134-1	
o-Phenylphenol	90-43-7						
Sodium 2-biphenylate	132-27-4						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Chlorinated Benzenes and Toluenes							
Chlorinated Benzenes and Toluenes	Several	All	Usage ban	25	mg/kg	EN 17137 (2024)	for sum of all allocated Members/Substances // Goal for sum is 10 mg/kg additionally for every allocated Member/Substance 10 mg/kg is valid with goal of 5 mg/kg
Chlorinated Benzenes	Several						
Monochlorobenzene	108-90-7	All	Usage ban	10	mg/kg	EN 17137 (2024)	Goal: 5 mg/kg
Dichlorobenzenes, all isomers	Several	All	Usage ban				(Single substances listed in Annex)
Trichlorobenzenes, all isomers	Several	All	Usage ban				
Tetrachlorobenzenes, all isomers	Several	All	Usage ban				
Chlorinated Toluenes	Several						
Pentachlorotoluene	877-11-2	All	Usage ban	10	mg/kg	EN 17137 (2024)	Goal: 5 mg/kg
Chlorotoluene, unspecific mixture	25168-05-2	All	Usage ban	10	mg/kg		
Monochlorotoluenes, all isomers	Several	All	Usage ban				(Single substances listed in Annex)
Dichlorotoluenes, all isomers	Several	All	Usage ban				
Trichlorotoluenes, all isomers	Several	All	Usage ban				
Tetrachlorotoluenes, all isomers	Several	All	Usage ban				

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Chlorinated Phenols							
Trichlorophenol, all isomers	25167-82-2	All	Usage ban	5	mg/kg	EN 17134-2:2023 EN ISO 17070 (Leather)	For sum of all allocated Members/Substances. Additionally for every allocated Member/Substance 5 mg/kg is valid.
2,3,4-Trichlorophenol	15950-66-0	All	Usage ban	5	mg/kg		
2,3,5-Trichlorophenol	933-78-8	All	Usage ban	5	mg/kg		
2,3,6-Trichlorophenol	933-75-5	All	Usage ban	5	mg/kg		
2,4,5-Trichlorophenol	95-95-4	All	Usage ban	5	mg/kg		
2,4,6-Trichlorophenol	88-06-2	All	Usage ban	5	mg/kg		
3,4,5-Trichlorophenol	609-19-8	All	Usage ban	5	mg/kg		
Tetrachlorophenol, its salts and compounds	25167-83-3	All	Usage ban	5	mg/kg	EN 17134-2:2023 EN ISO 17070 (Leather)	For sum of all allocated Members/Substances. Additionally for every allocated Member/Substance 5 mg/kg is valid.
2,3,4,5-Tetrachlorophenol	4901-51-3	All	Usage ban	5	mg/kg		
2,3,4,6-Tetrachlorophenol	58-90-2	All	Usage ban	5	mg/kg		
2,3,5,6-Tetrachlorophenol	935-95-5	All	Usage ban	5	mg/kg		
Pentachlorophenol, its salts, esters and compounds	Several	All	Usage ban	5	mg/kg	EN 17134-2:2023 EN ISO 17070 (Leather)	For sum of all allocated Members/Substances.
Pentachlorophenol	87-86-5						
Mono- and Dichlorophenols	Several	All	Usage ban	10	mg/kg	EN 17134-2:2023 EN ISO 17070 (Leather)	For sum of all allocated Members/Substances. Additionally for every allocated Member/Substance 5 mg/kg is valid.
Monochlorophenols, all isomers	25167-80-0						
2-Chlorophenol	95-57-8	All	Usage ban	5	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Chlorinated Phenols							
3-Chlorophenol	108-43-0	All	Usage ban	5	mg/kg		
4-Chlorophenol	106-48-9	All	Usage ban	5	mg/kg		
Dichlorophenols, all isomers	25167-81-1						
2,3-Dichlorophenol	576-24-9	All	Usage ban	5	mg/kg		
2,4-Dichlorophenol	120-83-2	All	Usage ban	5	mg/kg		
2,5-Dichlorophenol	583-78-8	All	Usage ban	5	mg/kg		
2,6-Dichlorophenol	87-65-0	All	Usage ban	5	mg/kg		
3,4-Dichlorophenol	95-77-2	All	Usage ban	5	mg/kg		
3,5-Dichlorophenol	591-35-5	All	Usage ban	5	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Colorants							
Colorants with carcinogenic potential	Several	All	Usage ban			LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022)	200 mg/kg for every allocated Member/Substance
Acid Red 26	3761-53-3	All	Usage ban	200	mg/kg		
Leucomalachite green	129-73-7	All	Usage ban	200	mg/kg		
Basic Red 9	569-61-9	All	Usage ban	200	mg/kg		
Basic Violet 14	632-99-5	All	Usage ban	200	mg/kg		
Direct Black 38	1937-37-7	All	Usage ban	200	mg/kg		
Direct Blue 6	2602-46-2	All	Usage ban	200	mg/kg		
Direct Brown 95	16071-86-6	All	Usage ban	200	mg/kg		
Direct Red 28	573-58-0	All	Usage ban	200	mg/kg		
Disperse Blue 1	2475-45-8	All	Usage ban	200	mg/kg		
Disperse Orange 11	82-28-0	All	Usage ban	200	mg/kg		
Disperse Yellow 3	2832-40-8	All	Usage ban	200	mg/kg		
Pigment Yellow 34	1344-37-2	All	Usage ban	200	mg/kg		
Pigment Red 104	12656-85-8	All	Usage ban	200	mg/kg		
Solvent Red 80	6358-53-8	All	Usage ban	200	mg/kg		
Solvent Violet 8 - with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	561-41-1	All	Usage ban	200	mg/kg		
Solvent Yellow 2	60-11-7	All	Usage ban	200	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Colorants							
Basic Green 4 - (Malachite Green)	Several	All	Usage ban	200	mg/kg		For sum of all allocated Members/Substances.
Malachite green	10309-95-2						
Malachite green chloride	569-64-2						
Malachite green oxalate	2437-29-8						
Colorants with allergenic potential	Several	All	Usage ban				200 mg/kg for every allocated Member/Substance
Disperse Blue 3	2475-46-9	All	Usage ban	200	mg/kg		
Disperse Blue 7	3179-90-6	All	Usage ban	200	mg/kg		
Disperse Blue 26	3860-63-7	All	Usage ban	200	mg/kg		
Disperse Blue 102	12222-97-8 69766-79-6	All	Usage ban	200	mg/kg		
Disperse Blue 106	12223-01-7 68516-81-4	All	Usage ban	200	mg/kg	LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022)	
Disperse Blue 124	61951-51-7 15141-18-1	All	Usage ban	200	mg/kg		
Disperse Brown 1	23355-64-8	All	Usage ban	200	mg/kg		
Disperse Orange 1	2581-69-3	All	Usage ban	200	mg/kg		
Disperse Orange 3	730-40-5	All	Usage ban	200	mg/kg		
Disperse Red 1	2872-52-8	All	Usage ban	200	mg/kg		
Disperse Red 11	2872-48-2	All	Usage ban	200	mg/kg		
Disperse Red 17	3179-89-3	All	Usage ban	200	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Colorants							
Disperse Yellow 1	119-15-3	All	Usage ban	200	mg/kg		
Disperse Yellow 9	6373-73-5	All	Usage ban	200	mg/kg		
Disperse Yellow 39	12236-29-2	All	Usage ban	200	mg/kg		
Disperse Yellow 49	54824-37-2 6858-49-7	All	Usage ban	200	mg/kg		
Solvent Yellow 14	842-07-9	All	Usage ban	200	mg/kg		
Disperse Blue 35	Several	All	Usage ban	200	mg/kg		For sum of all allocated Members/Substances.
Disperse Blue 35 [1]	12222-75-2						
Disperse Blue 35 [2]	56524-77-7						
Disperse Blue 35 B	56524-76-6						
Disperse Orange 37/59/76	Several	All	Usage ban	200	mg/kg	LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022)	For sum of all allocated Members/Substances.
Disperse Orange 37/59/76 [1]	12223-33-5						
Disperse Orange 37/59/76 [2]	13301-61-6						
Disperse Orange 37/59/76 [3]	51811-42-8						
Colorants banned for other reasons	Several	All	Usage ban			LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022)	200 mg/kg for every allocated Member/Substance
Acid Orange 24	1320-07-6	All	Usage ban	200	mg/kg		
Acid Violet 49	1694-09-3	All	Usage ban	200	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Colorants							
Basic Blue 26 - with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	2580-56-5	All	Usage ban	200	mg/kg		
Basic Violet 1	8004-87-3	All	Usage ban	200	mg/kg		
Direct Black 91	6739-62-4	All	Usage ban	200	mg/kg		
Direct Blue 76	16143-79-6	All	Usage ban	200	mg/kg		
Direct Blue 218	28407-37-6	All	Usage ban	200	mg/kg		
Direct Yellow 1	6472-91-9	All	Usage ban	200	mg/kg		
Disperse Yellow 23	6250-23-3	All	Usage ban	200	mg/kg		
Disperse Orange 149	85136-74-9	All	Usage ban	200	mg/kg		
Solvent Blue 4	6786-83-0	All	Usage ban	200	mg/kg		
Basic Violet 3	Several	All	Usage ban	200	mg/kg		For sum of all allocated Members/Substances.
Basic Violet 3 [1]	548-62-9						
Basic Violet 3 [2]	603-48-5						
Basic Violet 3 [3]	14426-25-6						
Basic Violet 3 - with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	548-62-9						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Colorants							
Navy Blue: A mixture of: disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-); trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromat	Several	All	Usage ban	200	mg/kg	LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022)	For sum of all allocated Members/Substances.
Disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-)	118685-33-9						
Trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromat							
Colorants which can cleave in carcinogenic amines	Several	All	Usage ban			LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022)	200 mg/kg for every allocated Member/Substance. (Single substances listed in Annex)

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Dioxins and Furans							
Dioxins and Furans - Group 3	Several	All	Usage ban	95	µg/kg	With reference to EPA 8290A	For sum of traces of all allocated Members/Substances to Group 3 - official regulation for sum of all allocated Members/Substances to Group 1, 2 and 3 - 100 µg/kg. (Single substances listed in Annex)
Dioxins and Furans - Group 1 and 2	Several	All	Usage ban	5.0	µg/kg		For sum of traces of all allocated Members/Substances to Group 1 and 2. (Single substances listed in Annex)
Dioxins and Furans - Group 1	Several	All	Usage ban	1.0	µg/kg		For sum of traces of all allocated Members/Substances to Group 1. (Single substances listed in Annex)
Dioxins and Furans - Group 4 and 5	Several	All	Usage ban	5.0	µg/kg		For sum of traces of all allocated Members/Substances to Group 4 and 5. (Single substances listed in Annex)
Dioxins and Furans - Group 4	Several	All	Usage ban	1.0	µg/kg		For sum of traces of all allocated Members/Substances to Group 4. (Single substances listed in Annex)

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Enzymes							
Enzymes, industrial	Several	All	Usage ban				Usage ban only for enzyme formulations in powder form, limit: 1000 mg/kg (for sum of all). Test method: Normally quantification via input stream management. If required: substance specific testing. Single substances listed in Annex.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Flame retardants							
Tetrabromobisphenol A - (TBBP A)	79-94-7	All	Usage ban	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016)	
Tetrabromobisphenol A bis(2,3-dibromopropylether)	21850-44-2	All	Usage ban	50	mg/kg		
Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	All	Usage ban	50	mg/kg		
Tri(aziridin-1-yl) phosphine oxide - (TEPA)	545-55-1	All	Usage ban	50	mg/kg	LC-MS // with reference to EN ISO 17881-2 (2016)	
Bis(2,3-dibromopropyl) phosphate - (BDBPP)	5412-25-9	All	Usage ban	50	mg/kg		
Trimethyl phosphate	512-56-1	All	Usage ban	50	mg/kg		
Tri-o-cresyl phosphate	78-30-8	All	Usage ban	50	mg/kg		
Tris(methylphenyl) phosphate	1330-78-5	All	Usage ban	50	mg/kg		
Tris(2-chloroethyl) phosphate - (TCEP)	115-96-8	All	Usage ban	50	mg/kg		
Tris-(2-chloro-1-methylethyl) phosphate - (TCPP)	13674-84-5	All	Usage ban	50	mg/kg		
Tris-[2-chloro-1-(chloromethyl)ethyl] phosphate - (TDCP or TDCPP)	13674-87-8	All	Usage ban	50	mg/kg		
Tris(2,3-dibromopropyl) phosphate - (TRIS)	126-72-7	All	Usage ban	50	mg/kg		
Trixylyl phosphate - (TXP)	25155-23-1	All	Usage ban	50	mg/kg		
Dimethyl propylphosphonate	18755-43-6	All	Usage ban	50	mg/kg		Chemical products shall comply latest 01 July 2026.
Brominated alkyl alcohols	Several						
2,2-Bis(bromomethyl)-1,3-propanediol - (BBMP)	3296-90-0	All	Usage ban	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016)	

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Flame retardants							
2,3-Dibromopropan-1-ol - (2,3-DBPA)	96-13-9	All	Usage ban	50	mg/kg		
1-Propanol, 2,2-dimethyl-, tribromo deriv.	36483-57-5 1522-92-5	All	Usage ban	50	mg/kg		
Chlorinated paraffins, all chain lengths	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban				Usage ban 50 mg/kg for every allocated group.
	Several	Leather	Usage ban				Usage ban 250 mg/kg for every allocated group
Paraffin, C10-C13, chlorinated - (SCCP)	85535-84-8	Textiles Down/feather Polymer parts Metal parts	Usage ban	50	mg/kg	ISO 22818 (2021)	
	85535-84-8	Leather	Usage ban	250	mg/kg	ISO 18219-1 (2021)	
Paraffin, C14-C17, chlorinated - (MCCP)	85535-85-9	Textiles Down/feather Polymer parts Metal parts	Usage ban	50	mg/kg	ISO 22818 (2021)	Single substances (not concluded) listed in Annex.
	85535-85-9	Leather	Usage ban	250	mg/kg	ISO 18219-2 (2021)	
Paraffin, C18-C28, chlorinated - (LCCP)	85535-86-0	Textiles Down/feather Polymer parts Metal parts	Usage ban	50	mg/kg	LC-MS	
	85535-86-0	Leather	Usage ban	250	mg/kg		
Paraffin wax, chlorinated	63449-39-8	Leather	Usage ban	250	mg/kg		
	63449-39-8	Textiles Down/feather Polymer parts Metal parts	Usage ban	50	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Flame retardants							
Hexabromocyclododecan, all isomers - group for all major diastereoisomers identified	Several	All	Usage ban	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016)	
Polybrominated diphenyl ethanes	Several						
Decabromodiphenylethane (DBDPE)	84852-53-9	All	Usage ban	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016)	
Polybrominated diphenyl ethers	Several	All	Usage ban				Usage ban 50 mg/kg for every allocated substance or group.
Decabromodiphenyl ether - (DecaBDE)	1163-19-5	All	Usage ban	50	mg/kg		
Monobromodiphenyl ether - (MonoBDE)	Several	All	Usage ban	50	mg/kg		Limit valid for sum of all isomers. Single substances listed in Annex.
Tribromodiphenyl ether - (TriBDE)	49690-94-0	All	Usage ban	50	mg/kg		
Tetrabromodiphenyl ether - (TetraBDE)	40088-47-9	All	Usage ban	50	mg/kg		Single substances listed in Annex.
Pentabromodiphenyl ether - (PentaBDE)	32534-81-9	All	Usage ban	50	mg/kg		
Hexabromodiphenyl ether - (HexaBDE)	36483-60-0	All	Usage ban	50	mg/kg		Single substances listed in Annex.
Heptabromodiphenyl ether - (HeptaBDE)	68928-80-3	All	Usage ban	50	mg/kg		
Octabromodiphenyl ether - (OctaBDE)	32536-52-0	All	Usage ban	50	mg/kg		
Nonabromodiphenyl ether - (NonaBDE)	63936-56-1	All	Usage ban	50	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Glycols							
Bis(2-methoxyethyl) ether	111-96-6	All	Usage ban	50	mg/kg	LC-MS	
2-Ethoxyethanol	110-80-5	All	Usage ban	50	mg/kg		
2-Ethoxyethyl acetate	111-15-9	All	Usage ban	50	mg/kg		
Ethylene glycol dimethyl ether	110-71-4	All	Usage ban	50	mg/kg		
2-Methoxyethanol	109-86-4	All	Usage ban	50	mg/kg		
2-Methoxyethyl acetate	110-49-6	All	Usage ban	50	mg/kg		
2-Methoxy-1-propanol	1589-47-5	Textiles Down/feather Polymer parts Metal parts	Usage ban	50	mg/kg		
	1589-47-5	Leather	Usage ban	200	mg/kg		
2-Methoxypropyl acetate	70657-70-4	Textiles Down/feather Polymer parts Metal parts	Usage ban	50	mg/kg		
	70657-70-4	Leather	Usage ban	50	mg/kg		Specific limit for leather finishing: 200 mg/kg.
Triethylene glycol dimethyl ether	112-49-2	All	Usage ban	50	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Greenhouse Gases, fluorinated							
Greenhouse Gases, fluorinated	Several	All	Usage ban			CEN/TS 13130-10 (2005)	Usage ban 10 mg/kg for every allocated Member/Substance. Greenhouse gases as defined in Regulation (EU) 2024/573, article 2 (1). Substances listed in Annex.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes							
Polybrominated Biphenyls	59536-65-1	All	Usage ban	10	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016)	For sum of all polybrominated biphenyls.
Monobromo biphenyl	26264-10-8	All	Usage ban	10	mg/kg		
Dibromobiphenyl	27479-65-8	All	Usage ban	10	mg/kg		
Hexabromo biphenyl	36355-01-8	All	Usage ban	10	mg/kg		
Octabromobiphenyl	27858-07-7	All	Usage ban	10	mg/kg		
Nonabromobiphenyl	27753-52-2	All	Usage ban	10	mg/kg		
Decabromo-1,1'-biphenyl	13654-09-6	All	Usage ban	10	mg/kg		
Polychlorinated Biphenyls	1336-36-3	All	Usage ban	10	mg/kg	GC-MS // with reference to ISO/TR 17881-3 (2018)	For sum of all polychlorinated biphenyls.
Polychlorinated Terphenyls	61788-33-8	All	Usage ban	10	mg/kg		For sum of all polychlorinated terphenyls.
Polybrominated Terphenyls	Several	All	Usage ban	10	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016)	For sum of all polybrominated terphenyls.
Polychlorinated Naphthalenes	Several	All	Usage ban	10	mg/kg	GC-MS // with reference to ISO/TR 17881-3 (2018)	For sum of all polychlorinated naphthalenes.
Monochloro naphthalene	25586-43-0	All	Usage ban	10	mg/kg		
Dichloro naphthalene	28699-88-9	All	Usage ban	10	mg/kg		
Trichloro naphthalene	1321-65-9	All	Usage ban	10	mg/kg		
Tetrachloro naphthalene	1335-88-2	All	Usage ban	10	mg/kg		
Pentachloro naphthalene	1321-64-8	All	Usage ban	10	mg/kg		
Hexachloro naphthalene	1335-87-1	All	Usage ban	10	mg/kg		
Heptachloro naphthalene	32241-08-0	All	Usage ban	10	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes							
Octachloro naphthalene	2234-13-1	All	Usage ban	10	mg/kg		
Polybrominated Naphthalenes	Several	All	Usage ban	10	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016)	For sum of all polybrominated naphthalenes.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Halogenated Diarylalkanes							
Halogenated Diarylalkanes	Several	All	Usage ban			GC-MS	Usage ban 10 mg/kg for every allocated Member/Substance
Monomethyl-dibromo-diphenyl methane	99688-47-8	All	Usage ban	10	mg/kg		
Monomethyl-dichloro-diphenyl methane	81161-70-8	All	Usage ban	10	mg/kg		
Monomethyl-tetrachloro-diphenyl methane	76253-60-6	All	Usage ban	10	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Metals							
Antimony, its salts and compounds	Several						
Antimony - as content	7440-36-0	All	Usage restriction	50	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes and pigments. Limit for pigments: 250 mg/kg.
Arsenic, its salts and compounds	Several						
Arsenic - as content	7440-38-2	All	Usage ban	50	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016)	As metal content. Applies to all types of formulations.
Barium, its salts and compounds	Several						
Barium - as content	7440-39-3	All	Usage restriction	100	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes and pigments. Does not apply to barium sulfate (CAS 7727-43-7, C.I. Pigment White 21)
Cadmium, its salts and compounds	Several						
Cadmium - as content	7440-43-9	All	Usage ban	20	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016)	As metal content. Applies to all types of formulations. Limit for pigments: 50 mg/kg.
Chromium, its salts and compounds - except Chromium VI, its salts and compounds	Several						
Chromium - as content	7440-47-3	All	Usage restriction	100	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes and pigments. Does not apply to metal-complex dyes or the double salts of certain cationic dyes.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Metals							
Chromium VI, its salts and compounds	Several						
Chromium VI - as content	18540-29-9	All	Usage ban	10	mg/kg	EN ISO 17075-1 (2017) EN ISO 17075-2 (2017)	As metal content. Applies to all types of formulations.
Cobalt, its salts and compounds	Several						
Cobalt - as content	7440-48-4	All	Usage restriction	500	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes. Does not apply to metal-complex dyes or the double salts of certain cationic dyes.
Copper, its salts and compounds	Several						
Copper - as content	7440-50-8	All	Usage restriction	250	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes. Does not apply to metal-complex dyes or the double salts of certain cationic dyes.
Lead, its salts and compounds	Several						
Lead - as content	7439-92-1	All	Usage ban	100	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016)	As metal content. Applies to all types of formulations.
Mercury, its salts and compounds	Several						
Mercury - as content	7439-97-6	All	Usage ban	4	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016)	As metal content. Applies to all types of formulations. Limit for pigments: 25 mg/kg.
Nickel, its salts and compounds	Several						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Metals							
Nickel - as content	7440-02-0	All	Usage restriction	250	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes. Does not apply to metal-complex dyes or the double salts of certain cationic dyes.
Selenium, its salts and compounds	Several						
Selenium - as content	7782-49-2	All	Usage restriction	20	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes and pigments. Limit for pigments: 100 mg/kg.
Silver, its salts and compounds	Several						
Silver - as content	7440-22-4	All	Usage restriction	100	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes.
Tin, its salts and inorganic compounds	Several						
Tin compounds, inorganic - as content	7440-31-5	All	Usage restriction	250	mg/kg	AAS // with reference to DIN EN 16711-1 (2016) ICP // with reference to DIN EN 16711-1 (2016)	As metal content. Applies only to dyes.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Monomers							
Acrylamide	79-06-1	All	Usage ban	1000	mg/kg	LC-MS	Goal: 500 mg/kg; BSSL consumer safety limit must be assured
Acrylonitrile	107-13-1	All	Usage ban	100	mg/kg	Headspace GC-MS // with reference to EN 13130-3 (2004)	
2-Chlorobuta-1,3-diene	126-99-8	All	Usage ban	100	mg/kg	Headspace GC-MS // with reference to BVL B 80.68-1	
Epichlorohydrin	106-89-8	All	Usage ban	100	mg/kg	LC-MS // with reference to CEN/TS 13130-20 (2005)	
N-Methylolacrylamide	924-42-5	All	Usage ban	100	mg/kg	LC-MS	
Vinyl chloride	75-01-4	All	Usage ban	100	mg/kg	ISO 6401 (2022)	
1-Vinylimidazole	1072-63-5	All	Usage ban	500	mg/kg	GC-MS	

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Nitrosamines							
Nitrosamines	Several	All	Usage ban			GC-MS // with reference to GB/T 24513 (2009) GC-MS // with reference to prEN 19577 (2019)	As substance and as reaction product from secondary amines for example in elastomers or rubbers. Usage ban 1.0 mg/kg for every allocated Member/Substance.
N-Nitroso-di-n-butylamine	924-16-3	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-ethanolamine	1116-54-7	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-ethylamine	55-18-5	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-isopropylamine	601-77-4	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-methylamine	62-75-9	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-benzylamine	5336-53-8	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-isobutylamine	997-95-5	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-isononylamine	1207995-62-7	All	Usage ban	1.0	mg/kg		
N-Nitroso-di-n-propylamine	621-64-7	All	Usage ban	1.0	mg/kg		
N-Nitroso-ethylphenylamine	612-64-6	All	Usage ban	1.0	mg/kg		
N-Nitroso-methylphenylamine	614-00-6	All	Usage ban	1.0	mg/kg		
N-Nitrosomethyl-n-butylamine	7068-83-9	All	Usage ban	1.0	mg/kg		
N-Nitrosomethyl-n-propylamine	924-46-9	All	Usage ban	1.0	mg/kg		
N-Nitroso-morpholine	59-89-2	All	Usage ban	1.0	mg/kg		
N-Nitroso-piperidine	100-75-4	All	Usage ban	1.0	mg/kg		
N-Nitroso-pyrrolidine	930-55-2	All	Usage ban	1.0	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Other Chemical Substances							
Alkylnaphthalenes: all derivatives		All	Usage ban	10	mg/kg	GC-MS	
Azobenzene	103-33-3 17082-12-1	All	Usage ban	100	mg/kg	GC-MS LC-MS	
Azodicarbonamide - (ADCA)	123-77-3	All	Usage ban	1000	mg/kg	LC-MS LC-DAD	Not allowed for bluesign® APPROVED chemicals, however the usage on-site is tolerated, if no feasible alternative for foaming is available. Proof that consumer safety limit for ADCA is kept via finished article testing (e.g. footwear sole).
Benzyl chloride	100-44-7	All	Usage ban	50	mg/kg	GC-MS // with confirmatory LC-MS in the event of a positive detection	Exception: Limit for dyestuffs is 100 mg/kg
Bisphenol A	80-05-7	All	Usage ban	10	mg/kg	ISO 21135 (2024)	
Bisphenol AF	1478-61-1	All	Usage ban	100	mg/kg		
Bisphenol B	77-40-7	All	Usage ban	100	mg/kg		
Bisphenol F	620-92-8	All	Monitoring	1000	mg/kg		
Bisphenol S	80-09-1	All	Usage ban	10	mg/kg		Chemical products shall comply latest 01 July 2026. Specific limit for leather tanning and textile aftertreatment (dye fixing agent for polyamide): 1000 mg/kg
2-Butanone oxime	96-29-7	All	Usage ban	50	mg/kg	GC-MS	Usage ban also valid for use as blocking agent.
1-Butyl glycidyl ether	2426-08-6	All	Usage ban	100	mg/kg	GC-MS // Extraction with Methanol	Chemical products shall comply latest 01 July 2026.
4-tert-Butyltoluene	98-51-1	All	Usage ban	10	mg/kg	GC-MS	
1,4-dichloro-2-nitrobenzene	89-61-2	All	Usage ban	100	mg/kg	Extraction // GC-ECD with reference to EPA Method 8091	Chemical products shall comply latest 01 July 2026.
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	All	Usage ban	1000	mg/kg	GC-MS	

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Other Chemical Substances							
1,3-Dichloro-2-propanol	96-23-1	All	Usage ban	100	mg/kg		
Dicumyl peroxide	80-43-3	All	Usage ban	1000	mg/kg	LC-DAD // Solvent extraction	Chemical products shall comply latest 01 July 2026.
Dimethyl hydrogen phosphite	868-85-9	All	Usage ban	100	mg/kg	GC-MS // Extraction with Methanol	
Dimethyl sulfate	77-78-1	All	Usage ban	100	mg/kg	GC-MS	
2,4-Dinitrotoluene	121-14-2	All	Usage ban	100	mg/kg		
1,4-Dioxane	123-91-1	All	Usage ban	1000	mg/kg		
Ethyleneimine	151-56-4	All	Usage ban	100	mg/kg		
Formaldehyde oligomeric reaction product with aniline	25214-70-4	All	Usage ban	20	mg/kg	LC-MS // Indirect testing via Diaminodiphenylmethane	
Formamide	75-12-7	All	Usage ban	200	mg/kg	GC-MS	
Glycidyl methacrylate	106-91-2	All	Usage ban	100	mg/kg	GC-MS // Extraction with Methanol	Chemical products shall comply latest 01 July 2026.
Isoquinoline	119-65-3	All	Usage ban	1000	mg/kg	LC-MS/MS LC-DAD	
2-Methylaziridine	75-55-8	All	Usage ban	10	mg/kg	GC-MS	
N,N-Dimethyl-p-toluidine	99-97-8	All	Usage ban	150	mg/kg		Chemical products shall comply latest 01 July 2026.
Michler's base	101-61-1	All	Usage ban	1000	mg/kg	LC-MS / DAD // with reference to DIN 54231	
Michler's ketone	90-94-8	All	Usage ban	1000	mg/kg		
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	All	Usage ban	1000	mg/kg	GC-MS // Solvent Extraction with Hexane: DCM (1:1)	
Triphenyl phosphate	115-86-6	All	Usage ban	1000	mg/kg	EN ISO 17881-2 (2016)	
Potassium bromate	7758-01-2	All	Usage ban	100	mg/kg	IC	

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Other Chemical Substances							
Resorcinol	108-46-3	All	Usage ban	1000	mg/kg	LC-MS	Chemical products shall comply latest 01 July 2026.
Sodium bromate	7789-38-0	All	Usage ban	100	mg/kg	IC	
Quinoline	91-22-5	All	Usage ban	1000	mg/kg	LC-MS/MS LC-DAD	
Sodium borohydride	16940-66-2	All	Usage ban	250	mg/kg	ICP-MS // Indirect testing via Boron (DL 100 mg/kg) ICP-OES // Indirect testing via Boron (DL 100 mg/kg)	
Thiourea	62-56-6	All	Usage ban	1000	mg/kg	LC-MS	
Titanium dioxide - in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm	13463-67-7	All	Usage ban	10000	mg/kg	EN 15051-2	Chemical products shall comply latest 01 July 2026.
Boric acid and derivatives	Several	All	Usage ban			ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	Usage ban 250 mg/kg for every allocated substance or group
Barium diboron tetraoxide	13701-59-2	All	Usage ban	250	mg/kg		
Borate, zinc salt	1332-07-6	All	Usage ban	250	mg/kg	DIN EN 16711-1:2016 (ICP-OES)	
Boron zinc oxide	12767-90-7	All	Usage ban	250	mg/kg	ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Boric acid	10043-35-3 11113-50-1	All	Usage ban	250	mg/kg		
Diboron trioxide	1303-86-2	All	Usage ban	250	mg/kg		
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	Usage ban	250	mg/kg		
Disodium tetraborate	Several	All	Usage ban	250	mg/kg		
Disodium tetraborate, decahydrate	1303-96-4						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Other Chemical Substances							
Disodium tetraborate, anhydrous	1330-43-4						
Disodium tetraborate, pentahydrate	12179-04-3						
Disodium octaborate	Several	All	Usage ban	250	mg/kg	ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Disodium octaborate, anhydrous	12008-41-2						
Disodium octaborate, tetrahydrate	12280-03-4						
Orthoboric acid sodium salt	13840-56-7 25747-83-5 1333-73-9	All	Usage ban	250	mg/kg	ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Boric acid, monosodium salt	14890-53-0						
Boric acid, disodium salt	22454-04-2						
Boric acid, trisodium salt	14312-40-4						
Perboric acid, sodium salt	11138-47-9	All	Usage ban	250	mg/kg	ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Perboric acid (HBO(O2)), sodium salt, monohydrate	10332-33-9						
Perboric acid, sodium salt, monohydrate	12040-72-1						
Perboric acid (H3BO2(O2)), monosodium salt, trihydrate	13517-20-9						
Perboric acid, sodium salt, tetrahydrate	37244-98-7						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Other Chemical Substances							
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6) - Hanssons salt	125022-34-6						
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	90568-23-3						
Sodium perborate derivatives	Several	All	Usage ban	250	mg/kg	ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Sodium perborate	15120-21-5						
Sodium perborate, anhydrous	7632-04-4						
Cresol, all isomers	1319-77-3	All	Usage ban			GC-MS	Usage ban 100 mg/kg for every allocated Member/Substance
o-Cresol	95-48-7	All	Usage ban	100	mg/kg		
m-Cresol	108-39-4	All	Usage ban	100	mg/kg		
p-Cresol	106-44-5	All	Usage ban	100	mg/kg		
Crystalline silica - In respirable particle size	Several	All	Usage ban			Process due diligence	Applies only for the intentional use of silica-based materials for sandblasting. See bluesign Guidance Sheet Sandblasting/Abrasive Blasting.
Cristobalite	14464-46-1	All	Usage ban				
Quartz	14808-60-7	All	Usage ban				
Tridymite	15468-32-3	All	Usage ban				
Hydrazine, its salts and hydrates	Several	All	Usage ban	10	mg/kg	GC-MS	
Hydrazine	302-01-2						
Nitropropane derivatives	Several						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Other Chemical Substances							
2-Nitropropane	79-46-9	All	Usage ban	100	mg/kg	GC-MS	
Siloxanes	Several	All	Usage ban			TEGEWA method (2021)	Usage ban 1000 mg/kg for every allocated Member/Substance
D4-Siloxane (Octamethylcyclotetrasiloxane)	556-67-2	All	Usage ban	1000	mg/kg		
D5-Siloxane (Decamethylcyclopentasiloxane)	541-02-6	All	Usage ban	1000	mg/kg		
D6-Siloxane (Dodecamethylcyclohexasiloxane)	540-97-6	All	Usage ban	1000	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Ozone Depleting Substances (according to Regulation (EU) 2024/590)							
Ozone Depleting Substances (according to Regulation (EU) 2024/590)	Several	All	Usage ban	100	mg/kg	GC-MS	For sum of all allocated Ozone depleting substances (Class I and II).
Ozone depleting substances (CFCs) class I	Several	All	Usage ban				Single substances listed in Annex.
Ozone depleting substances (CFCs) class II	Several	All	Usage ban				

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)							
PFAS (Poly- and perfluoroalkyl substances)	Several	All	Usage ban	50	mg/kg	EN 14582 (total fluorine) ASTM D7359 (total fluorine)	Limit refers to total fluorine content. Exceptions might be possible for specific uses, see "Guidance Sheet PFAS phase out" and PFAS statement in section 6.
Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine		All	Usage ban	100	µg/kg	EN 17681-1 (2025)	
Perfluorobutane sulfonic acid and its derivatives	Several						
Perfluorobutane sulfonic acid and its salts	Several	All	Usage ban	1000	µg/kg	EN 17681-1 (2025)	For sum of all allocated Members/Substances.
Perfluorohexane sulfonic acid and its derivatives	Several	All	Usage ban				Usage ban 100 µg/kg for every allocated group.
Perfluorohexane sulfonic acid and its salts	Several	All	Usage ban	25	µg/kg		For sum of all allocated Members/Substances. Single substances listed in Annex.
Perfluorohexane sulfon amides	Several	All	Usage ban	100	µg/kg		For sum of all Members/Substances. Single substances listed in Annex.
Perfluorohexane sulfon amidoethanols	Several	All	Usage ban	100	µg/kg		
Perfluorohexane sulfon amidoethyl (meth)acrylates	Several	All	Usage ban	100	µg/kg		
Perfluorohexane sulfon halides	Several	All	Usage ban	100	µg/kg		
Perfluorohexane sulfon polymers	Several	All	Usage ban	100	µg/kg		
Perfluorooctane sulfonic acid and its derivatives	Several	All	Usage ban				Usage ban 100 µg/kg for every allocated group
Perfluorooctane sulfon amides	Several	All	Usage ban	100	µg/kg		For sum of all Members/Substances.
Perfluorooctane sulfon amidoethanols	Several	All	Usage ban	100	µg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)							
Perfluorooctane sulfon amidoethyl (meth)acrylates	Several	All	Usage ban	100	µg/kg	EN 17681-1: 2025	
Perfluorooctane sulfon halides	Several	All	Usage ban	100	µg/kg	EN 17681-1 (2025)	
Perfluorooctane sulfon polymers	Several	All	Usage ban	100	µg/kg		
Perfluorooctane sulfonic acid and its salts	Several	All	Usage ban	100	µg/kg		For sum of all allocated Members/Substances. Single substances listed in Annex.
Perfluoroalkyl sulfonic acid and its derivatives - F(CF2)n [n>8]	Several	All	Usage ban				Usage ban 100 µg/kg for every allocated group
Perfluoroalkyl sulfonic acid and its salts - F(CF2)n [n>8]	Several	All	Usage ban	100	µg/kg		For sum of all Members/Substances.
Perfluoroalkyl sulfon amides - F(CF2)n [n>8]	Several	All	Usage ban	100	µg/kg		
Perfluoroalkyl sulfon amidoethanols - F(CF2)n [n>8]	Several	All	Usage ban	100	µg/kg		
Perfluoroalkyl sulfon amidoethyl (meth)acrylates - F(CF2)n [n>8]	Several	All	Usage ban	100	µg/kg		
Perfluoroalkyl sulfon halides - F(CF2)n [n>8]	Several	All	Usage ban	100	µg/kg		
Perfluoroalkyl sulfon polymers - F(CF2)n [n>8]	Several	All	Usage ban	100	µg/kg		
Perfluorobutanoic acid and its salts	Several	All	Usage ban	1000	µg/kg		
Perfluorohexanoic acid and its salts	Several	All	Usage ban	25	µg/kg		
Perfluoroheptanoic acid and its salts	Several	All	Usage ban	2000	µg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)							
Perfluorooctanoic acid and its salts	Several	All	Usage ban	25	µg/kg	EN 17681-1: 2025	
Perfluorocarboxylic acids (C9-C14) and its salts	Several	All	Usage ban	25	µg/kg	EN 17681-1 (2025)	For sum of all Members/Substances.
Perfluorobutanoic acid related substances	Several	All	Usage ban	1000	µg/kg		For sum of PFBA related substances.
Perfluorohexanoic acid related substances	Several	All	Usage ban	1000	µg/kg		For sum of all Members/Substances.
Perfluorooctanoic acid related substances	Several	All	Usage ban	1000	µg/kg		
Perfluorocarboxylic acid (C9-C14) related substances	Several	All	Usage ban	260	µg/kg		
Perfluoroalkyl compounds, branched	Several						
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	Several	All	Usage ban	2000	µg/kg	EN 17681-1 (2025)	For sum of all Members/Substances.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Plasticizers							
Phthalic acid esters	Several	All	Usage ban	250	mg/kg	GC-MS // with reference to EN ISO 14389 (2014)	For sum of all allocated phthalic acid esters.
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich	71888-89-6	All	Usage ban	10	mg/kg		
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters	68515-40-2	All	Usage ban	10	mg/kg		
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters	68515-42-4	All	Usage ban	10	mg/kg		
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	All	Usage ban	10	mg/kg		
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	Usage ban	10	mg/kg		
Bis-(2-methoxyethyl) phthalate - (DMEP)	117-82-8	All	Usage ban	10	mg/kg		
Butylbenzyl phthalate - (BBP)	85-68-7	All	Usage ban	10	mg/kg		
Dimethyl phthalate - (DMP)	131-11-3	All	Usage ban	10	mg/kg		
Diethyl phthalate - (DEP)	84-66-2	All	Usage ban	10	mg/kg		
Di-n-propyl phthalate - (DPRP)	131-16-8	All	Usage ban	10	mg/kg		
Dibutyl phthalate - (DBP)	84-74-2	All	Usage ban	10	mg/kg		
Di-iso-butyl phthalate - (DIBP)	84-69-5	All	Usage ban	10	mg/kg		
Di-n-pentyl phthalate - (DnPP)	131-18-0	All	Usage ban	10	mg/kg		
Di-iso-pentyl phthalate - (DIPP)	605-50-5	All	Usage ban	10	mg/kg		
n-Pentyl-isopentyl phthalate	776297-69-9	All	Usage ban	10	mg/kg		
Di-n-hexyl phthalate - (DnHP)	84-75-3	All	Usage ban	10	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Plasticizers							
Di-cyclohexyl phthalate - (DCHP)	84-61-7	All	Usage ban	10	mg/kg		
Di-iso-hexyl phthalate - (DIHxP)	71850-09-4	All	Usage ban	10	mg/kg		
Di-n-octyl phthalate - (DnOP)	117-84-0	All	Usage ban	10	mg/kg		
Di-iso-octyl phthalate - (DIOP)	27554-26-3	All	Usage ban	10	mg/kg		
Diethylhexyl phthalate - (DEHP)	117-81-7	All	Usage ban	10	mg/kg		
Dinonyl phthalate - (DNP)	84-76-4	All	Usage ban	10	mg/kg		
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	Several	All	Usage ban	10	mg/kg		
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5						
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1						
Di-iso-nonyl phthalate - (DINP)	Several	All	Usage ban	10	mg/kg	GC-MS // with reference to EN ISO 14389 (2014)	
Di-iso-nonyl phthalate - polygas based	28553-12-0						
Di-iso-nonyl phthalate - iso & n-Butene based	68515-48-0						
Di-iso-decyl phthalate - (DIDP)	Several	All	Usage ban	10	mg/kg	GC-MS // with reference to EN ISO 14389 (2014)	
Di-iso-decyl phthalate [1]	26761-40-0						
Di-iso-decyl phthalate [2]	68515-49-1						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Polyaromatic hydrocarbons (PAHs)							
Polyaromatic hydrocarbons (PAHs)	Several	All	Usage ban	100	mg/kg	With reference to EPA 8310 With reference to 8270D With reference to 8275A With reference to AfPS GS 2019	for sum of all allocated Members/Substances
Benzo(a)pyrene	50-32-8	All	Usage ban	1	mg/kg		
Benzo(e)pyrene	192-97-2	All	Usage ban	5	mg/kg		
Benzo(a)anthracene	56-55-3	All	Usage ban	5	mg/kg		
Benzo(b)fluoroanthene	205-99-2	All	Usage ban	5	mg/kg		
Benzo(j)fluoroanthene	205-82-3	All	Usage ban	5	mg/kg		
Benzo(k)fluoroanthene	207-08-9	All	Usage ban	5	mg/kg		
Chrysene	218-01-9	All	Usage ban	5	mg/kg		
Dibenzo(a,h)anthrene	53-70-3	All	Usage ban	5	mg/kg		
Dibenzo[def,p]chrysene	191-30-0	All	Usage ban	10	mg/kg		
Acenaphthene	83-32-9	All	Usage ban				If no individual limit is listed, the group limit of 100 mg/kg applies.
Acenaphthylene	208-96-8	All	Usage ban				
Anthracene	120-12-7	All	Usage ban				
Benzo[rst]pentaphene	189-55-9	All	Usage ban				
Benzo(ghi)perylene	191-24-2	All	Usage ban				
Cyclopenta[c,d]pyrene	27208-37-3	All	Usage ban				
Dibenzo[b,def]chrysene	189-64-0	All	Usage ban				
Fluoranthene	206-44-0	All	Usage ban				

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Polyaromatic hydrocarbons (PAHs)							
Fluorene	86-73-7	All	Usage ban				If no individual limit is listed, the group limit of 100 mg/kg applies.
Indeno(1,2,3-cd) pyrene	193-39-5	All	Usage ban				
Naphthalene	91-20-3	All	Usage ban				
Naphtho[1,2,3,4-def]chrysene	192-65-4	All	Usage ban				
Phenanthrene	85-01-8	All	Usage ban				
Pyrene	129-00-0	All	Usage ban				
Methylpyrene, 1-	2381-21-7	All	Usage ban				

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Polymers							
Polyvinyl chloride	9002-86-2	All	Usage ban	500	mg/kg	Total chlorine (EN 14582) // FTIR (when chlorine detected)	Exception valid for chemical products foreseen for usage range C: bluesign technologies reserves the right to make a single decision for special applications.
Polyvinyliden chloride	9002-85-1	All	Usage ban	500	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Solvents							
Benzene	71-43-2	All	Usage ban	50	mg/kg	GC-MS	
1,2-Dichloroethane	107-06-2	All	Usage ban	5	mg/kg		
Dichloromethane	75-09-2	All	Usage ban	5	mg/kg		Exception is valid for chemicals used in paint stripping process in closed systems
1,2-Dichloropropane	78-87-5	All	Usage ban	100	mg/kg		Chemical products shall comply latest 01 July 2026.
N,N-Dimethylacetamide - (DMAc)	127-19-5	All	Usage ban	500	mg/kg	GC-MS // with reference to ISO 16189 (2021)	Exception for chemicals for fiber manufacturing, solvent coating and laminating. See also: bluesign Guidance Sheet CMR-Solvent Management.
N,N-Dimethylformamide - (DMF)	68-12-2	All	Usage ban	500	mg/kg		Exception for chemicals for fiber manufacturing, solvent coating and laminating. See also: bluesign Guidance Sheet CMR-Solvent Management.
2-Ethylhexanoic acid	149-57-5	All	Usage ban	500	mg/kg	GC-MS // Solvent Extraction with Hexane: DCM (1:1)	Chemical products shall comply latest 01 July 2026.
Hexachlorobutadiene	87-68-3	All	Usage ban	100	mg/kg	GC-MS	
2-Pyrrolidone	616-45-5	All	Usage ban	1000	mg/kg	LC-MS	
N-Ethyl-2-pyrrolidone - (NEP)	2687-91-4	All	Usage ban	50	mg/kg	GC-MS // with reference to ISO 16189 (2021)	
N-Methylpyrrolidone - (NMP)	872-50-4	All	Usage ban	50	mg/kg		
Tetrachloroethylene	127-18-4	All	Usage ban	5	mg/kg	GC-MS	Exception is valid for chemicals used for dry cleaning in closed systems
Toluene	108-88-3	All	Usage ban	500	mg/kg		Exception: Limit not valid for solvent coating, laminating and painting/lacquering. See also: bluesign® Guidance Sheet CMR-Solvent Management.
Trichloroethylene	79-01-6	All	Usage ban	40	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Solvents							
Trichloromethane	67-66-3	All	Usage ban	100	mg/kg		
1,2,3-Trichloropropane	96-18-4	All	Usage ban	5	mg/kg		
Chlorinated ethanes, all isomers	Several	All	Usage ban				Usage ban 10 mg/kg for every allocated Member/Substance
1,1,1-Trichloroethane	71-55-6	All	Usage ban	10	mg/kg		is an Ozone Depleting Substance
1,1,2-Trichloroethane	79-00-5	All	Usage ban	10	mg/kg		
1,1,1,2-Tetrachloroethane	630-20-6	All	Usage ban	10	mg/kg		
1,1,2,2-Tetrachloroethane	79-34-5	All	Usage ban	10	mg/kg		
Pentachloroethane	76-01-7	All	Usage ban	10	mg/kg		
Hexachloroethane	67-72-1	All	Usage ban	10	mg/kg		
Xylene, all isomers	1330-20-7	All	Usage ban	500	mg/kg		For sum of all isomers. Exception: Limit not valid for solvent coating, laminating and painting/lacquering.
m-Xylene	108-38-3						
o-Xylene	95-47-6						
p-Xylene	106-42-3						

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Substances with usage restrictions but no consumer safety limits							
Bis(chloromethyl)ether	542-88-1	All	Usage ban	10	mg/kg	GC-MS	
1,3-Butadiene	106-99-0	All	Usage ban	100	mg/kg	GC-MS // with reference to EN 13130-4 (2004)	
Ethylene oxide	75-21-8	All	Usage ban	100	mg/kg	Headspace GC-FID // with reference to CEN/TS 13130-22 (2005)	
Propylene oxide	75-56-9	All	Usage ban	100	mg/kg		
Potassium permanganate	7722-64-7	All	Usage ban	1000	mg/kg		Verification via Input stream management
Di (hydrogenated tallow alkyl) dimethyl ammonium chloride	61789-80-8	All	Usage ban	200	mg/kg	LC	
Distearyl dimethyl ammonium chloride	107-64-2	All	Usage ban	200	mg/kg		
Ditallow dimethyl ammonium chloride	68783-78-8	All	Usage ban	200	mg/kg		
EDTA/DTPA and its salts	Several						
Ethylenediaminetetraacetic acid dipotassium salt	2001-94-7 25102-12-9	All	Monitoring	1000	mg/kg	GC-MS // with reference to EN ISO 16588 (2004)	Minimization requirement for all uses with exception of use as water softener in freshwater and process water preparation. Usage ban for use as water softener in freshwater and process water preparation. Verification via input stream management.
Ethylenediaminetetraacetic acid magnesium disodium salt	14402-88-1	All	Monitoring	1000	mg/kg		
Ethylene diamine tetraacetic acid (EDTA), tetrasodium salt	64-02-8 10378-23-1	All	Monitoring	1000	mg/kg		
Trisodium hydrogen ethylenediaminetetraacetate	150-38-9	All	Monitoring	1000	mg/kg		
Ethylene diamine tetraacetic acid (EDTA), disodium salt	139-33-3 6381-92-6	All	Monitoring	1000	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Substances with usage restrictions but no consumer safety limits							
Ethylenediaminetetraacetic acid tetraammonium salt	22473-78-5	All	Monitoring	1000	mg/kg	GC-MS // with reference to EN ISO 16588 (2004)	Minimization requirement for all uses with exception of use as water softener in freshwater and process water preparation. Usage ban for use as water softener in freshwater and process water preparation. Verification via input stream management
Diethylenetriaminepentaacetic acid - (DTPA)	67-43-6	All	Usage ban	1000	mg/kg	GC-MS // with reference to EN ISO 16588 (2004)	
Diethylene triamine pentaacetic acid (DTPA), sodium salt	140-01-2	All	Usage ban	1000	mg/kg		
Hypochlorite/Chlorine	Several	All	Usage ban				Usage ban 100 mg/kg for every allocated Member/Substance Several exceptions are valid (see also Guidance sheet) Verification via Input stream management
Calcium hypochlorite	7778-54-3	All	Usage ban	100	mg/kg		Several exceptions are valid (see also Guidance sheet) Verification via Input stream management
Sodium hypochlorite	7681-52-9	All	Usage ban	100	mg/kg		
Chlorine	7782-50-5	All	Usage ban	100	mg/kg		
Sodium chlorite	7758-19-2	All	Usage ban	100	mg/kg		Exception is valid for chemicals for manufacturing of extra white synthetics for home textiles Verification via Input stream management

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Substances with usage restrictions but no consumer safety limits							
Phosphonates and salts	Several	All	Monitoring				Minimization requirement for all uses with exception of use as water softener in freshwater and process water preparation. Usage ban for use as water softener in freshwater and process water preparation. Verification via input stream management.
Amino, tris(methylene phosphonic acid)	6419-19-8	All	Monitoring	1000	mg/kg		Minimization requirement for all uses with exception of use as water softener in freshwater and process water preparation. Usage ban for use as water softener in freshwater and process water preparation. Verification via input stream management
Diethylenetriaminepenta(methylenephosphonic acid)	15827-60-8	All	Monitoring	1000	mg/kg		
Diethylenetriaminepenta(methylenephosphonic acid) sodium salt	22042-96-2	All	Monitoring	1000	mg/kg		
Ethylenediaminetetra(methylenephosphonic acid)	1429-50-1	All	Monitoring	1000	mg/kg		
1-Hydroxyethane-1,1-diphosphonic acid	2809-21-4	All	Monitoring	1000	mg/kg		
1-Hydroxyethane-1,1-diphosphonic acid sodium salts	7414-83-7 29329-71-3	All	Monitoring	1000	mg/kg		
1-Hydroxyethane-1,1-diphosphonic acid potassium salt	67953-76-8	All	Monitoring	1000	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Tin-organic Compounds							
Methyltin compounds	Several						
Monomethyltin compounds - (MMT)	Several	All	Usage ban	5	mg/kg	GC-MS // with reference to ISO 16179 (2025)	For sum of all Members/Substances. Single substances listed in Annex.
Dimethyltin compounds - (DMT)	Several	All	Usage ban	1	mg/kg		
Trimethyltin compounds - (TMT)	Several	All	Usage ban	1	mg/kg		
Ethyltin compounds	Several						
Tetraethyltin compounds - (TeET)	Several	All	Usage ban	1	mg/kg	GC-MS // with reference to ISO 16179 (2025)	For sum of all Members/Substances. Single substances listed in Annex.
Propyltin compounds	Several						
Dipropyltin compounds - (DPT)	Several	All	Usage ban	5	mg/kg	GC-MS // with reference to ISO 16179 (2025)	For sum of all Members/Substances. Single substances listed in Annex.
Tripropyltin compounds - (TPT)	Several	All	Usage ban	1	mg/kg		
Butyltin compounds	Several						
Monobutyltin compounds - (MBT)	Several	All	Usage ban	5	mg/kg	GC-MS // with reference to ISO 16179 (2025)	For sum of all Members/Substances. Single substances listed in Annex.
Dibutyltin compounds - (DBT)	Several	All	Usage ban	5	mg/kg		
Tributyltin compounds - (TBT)	Several	All	Usage ban	1	mg/kg		
Tetrabutyltin compounds - (TeBT)	Several	All	Usage ban	1	mg/kg		
Hexyltin compounds	Several						
Tricyclohexyltin compounds - (TCyHT)	Several	All	Usage ban	1	mg/kg	GC-MS // with reference to ISO 16179 (2025)	For sum of all Members/Substances. Single substances listed in Annex.

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
Tin-organic Compounds							
Octyltin compounds	Several						
Monooctyltin compounds - (MOT)	Several	All	Usage ban	5	mg/kg	GC-MS // with reference to ISO 16179 (2025)	For sum of all Members/Substances. Single substances listed in Annex.
Dioctyltin compounds - (DOT)	Several	All	Usage ban	5	mg/kg		
Trioctyltin compounds - (TOT)	Several	All	Usage ban	1	mg/kg		
Tetraoctyltin compounds - (TeOT)	Several	All	Usage ban	1	mg/kg		
Phenyltin compounds	Several						
Monophenyltin compounds - (MPhT)	Several	All	Usage ban	5	mg/kg	GC-MS // with reference to ISO 16179 (2025)	For sum of all Members/Substances. Single substances listed in Annex.
Diphenyltin compounds - (DPhT)	Several	All	Usage ban	5	mg/kg		
Triphenyltin compounds - (TPhT)	Several	All	Usage ban	1	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	Value	Unit	Test Method	Comment
UV stabilizers							
UV-320	3846-71-7	All	Usage ban	1000	mg/kg	GC-MS	
UV-326	3896-11-5	All	Usage ban	1000	mg/kg		
UV-327	3864-99-1	All	Usage ban	1000	mg/kg		
UV-328	25973-55-1	All	Usage ban	1.0	mg/kg		Chemical products shall comply latest 01 July 2026.
UV-329	3147-75-9	All	Usage ban	1000	mg/kg		
UV-350	36437-37-3	All	Usage ban	1000	mg/kg		

7 Annex I Compilation of Individual Substances

The tables from Annex I list individual substances that belong to the following substance groups:

- Alkylphenolethoxylates (APEOs)
- Alkylphenols (APs)
- Arylamines
- Chlorinated Benzenes and Toluenes
- Colorants
- Dioxins and Furans
- Enzymes
- Flame Retardants
- Greenhouse Gases, fluorinated
- Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes
- Metals
- Other Chemical Substances
- Ozone Depleting Substances (according to Regulation (EC) No 1005/2009)
- PFAS (Poly- and perfluoroalkyl substances)
- Tin-Organic Compounds

Threshold limit values and test methods for the substance groups are provided in section 6.

Chemical Name	CAS Number
Alkylphenolethoxylates (APEOs)	
Nonylphenol ethoxylates (NPEO)	Several
Ethanol, 2-(nonylphenoxy)-	27986-36-3
Ethanol, 2-[2-(nonylphenoxy)ethoxy]-	27176-93-8
Nonylphenol pentaethoxylate	26264-02-8
Nonylphenol octaethoxylate	27177-05-5
Isononylphenol, ethoxylated	37205-87-1
Isononylphenol, ethoxylated - ≥ 2.5 - < 5 EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 5 - < 8 EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 8 - < 11 EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 11 - < 15 EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 15 - < 30 EO	37205-87-1
Isononylphenol, ethoxylated - 30 EO	37205-87-1
Isononylphenol, ethoxylated - > 30 EO	37205-87-1
Nonylphenol, ethoxylated	9016-45-9
Nonylphenol, ethoxylated - 15 EO	9016-45-9
Nonylphenol, ethoxylated - 10 EO	9016-45-9
Nonylphenol, ethoxylated - 8 EO	9016-45-9
Nonylphenol, ethoxylated - 6.5 EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 2.5 - < 5 EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 5 - < 8 EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 8 - < 11 EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 11 - < 15 EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 15 - < 30 EO	9016-45-9
Nonylphenol, ethoxylated - 30 EO	9016-45-9

Chemical Name	CAS Number
Nonylphenol, ethoxylated - > 30 EO	9016-45-9
Nonylphenol, ethoxylated - 4 EO	9016-45-9
26-(Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	26571-11-9
Nonylphenol, branched, ethoxylated	68412-54-4
Nonylphenol, branched, ethoxylated - 1 - 2.5 EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 2.5 - < 5 EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 5 - < 8 EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 8 - < 11 EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 11 - < 15 EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 15 - < 30 EO	68412-54-4
Nonylphenol, branched, ethoxylated - 30 EO	68412-54-4
Nonylphenol, branched, ethoxylated - > 30 EO	68412-54-4
Nonylphenol, branched, ethoxylated, phosphated	68412-53-3
Polyoxy-1,2-ethanediyl, α-nonylphenyl-ω-hydroxy-, branched, phosphates - ≥ 6 - ≤ 12 EO	68412-53-3
Polyoxy-1,2-ethanediyl, α-nonylphenyl-ω-hydroxy-, branched, phosphates - > 12 EO	68412-53-3
4-Nonylphenol, ethoxylated	26027-38-3
4-Nonylphenol, ethoxylated - 1 - 2.5 EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 2.5 - < 5 EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 5 - < 8 EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 8 - < 11 EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 11 - < 15 EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 15 - < 30 EO	26027-38-3
4-Nonylphenol, ethoxylated - 30 EO	26027-38-3
4-Nonylphenol, ethoxylated - > 30 EO	26027-38-3

Chemical Name	CAS Number
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol	14409-72-4
4-Nonylphenol, branched, ethoxylated	127087-87-0
4-Nonylphenol, branched, ethoxylated - 1 - 2.5 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 2.5 - < 5 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 5 - < 8 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 8 - < 11 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 11 - < 15 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 15 - < 30 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - 30 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - > 30 EO	127087-87-0
2-{2-[4-(3,6-Dimethylheptan-3-yl) phenoxy]ethoxy} ethanol	1119449-38-5
4-Nonylphenol, branched and linear, ethoxylated	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 2.5 - < 5 EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 5 - < 8 EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 8 - < 11 EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 11 - < 15 EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 15 - < 30 EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - 30 EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - > 30 EO	1442463-06-0
2-[2-[2-[2-(4-Nonylphenoxy) ethoxy] ethoxy] ethoxy] ethanol	7311-27-5
20-(4-Nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27942-27-4
2-[2-(4-Nonylphenoxy) ethoxy] ethanol	20427-84-3
2-[4-(3,6-Dimethylheptan-3-yl) phenoxy] ethanol	1119449-37-4
Octylphenol ethoxylates (OPEO)	Several
Octylphenol branched, ethoxylated	68987-90-6
Octylphenol branched, ethoxylated - 9.5 EO	68987-90-6
tert-Octylphenol, ethoxylated	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 2.5 - < 5 EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 5 - < 8 EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 8 - < 11 EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 11 - < 15 EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 15 - < 30 EO	9036-19-5
tert-Octylphenol, ethoxylated - 30 EO	9036-19-5
tert-Octylphenol, ethoxylated - > 30 EO	9036-19-5
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	Several
20-[4-(1,1,3,3-Tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	2497-59-8
4-tert-Octylphenol monoethoxylate	2315-67-5
4-tert-Octylphenol diethoxylate	2315-61-9
4-tert-Octylphenol, ethoxylated	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 2.5 - < 5 EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 5 - < 8 EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 8 - < 11 EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 11 - < 15 EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 15 - < 30 EO	9002-93-1
4-tert-Octylphenol, ethoxylated - 30 EO	9002-93-1
4-tert-Octylphenol, ethoxylated - > 30 EO	9002-93-1
Chemical Name	**CAS Number**
Alkylphenols (APs)	
4-Heptylphenol, branched and linear	Several

Chemical Name	CAS Number
4-Heptylphenol	1987-50-4
Phenol, heptyl derivates	72624-02-3
Octylphenol (OP), mixed isomers	Several
Octylphenol	27193-28-8
4-Octylphenol	1806-26-4
4-tert-Octylphenol	140-66-9
Nonylphenol (NP), mixed isomers	Several
Phenol, nonyl-, branched	90481-04-2
Nonylphenol, mixed isomers	25154-52-3
Isononylphenol	11066-49-2
4-Nonylphenol, branched and linear	Several
p-Nonylphenol	104-40-5
4-(1-Ethyl-1-methylhexyl)phenol	52427-13-1
4-(3,6-Dimethyl-3-heptyl)phenol	142731-63-3
4-(3,5-Dimethyl-3-heptyl)phenol	186825-36-5
Phenol, 4-nonyl-, branched	84852-15-3
p-(1,1-Dimethylheptyl)phenol	30784-30-6
p-(1-Methyloctyl)phenol	17404-66-9
p-Isononylphenol	26543-97-5
4-(2,6-Dimethyl-2-heptyl)phenol	521947-27-3
4-(3-Ethylheptan-2-yl)phenol	186825-39-8
Phenol, 4-tert-nonyl-	58865-77-3
Phenol, 4-(1,1,3-trimethylhexyl)-	174305-83-0
Phenol, 4-(1,3-dimethyl-1-propylbutyl)-	142731-65-5
Phenol, 4-(1,2,5-trimethylhexyl)-	142731-55-3

Chemical Name	CAS Number
Dodecylphenol, mixed isomers	27193-86-8
Phenol, dodecyl-, branched	121158-58-5
Phenol, 4-dodecyl-, branched	210555-94-5
Phenol, 4-isododecyl	27459-10-5 27147-75-7
Phenol, tetrapropylene	57427-55-1
Phenol, (tetrapropenyl) derivatives	74499-35-7
Phenol, 4-dodecyl-	104-43-8
Chemical Name	**CAS Number**
Arylamines	
o-Aminoazotoluene and its salts	Several
o-Aminoazotoluene	97-56-3
p-Aminoazobenzene and its salts	Several
p-Aminoazobenzene	60-09-3
4-Aminobiphenyl and its salts	Several
4-Aminobiphenyl	92-67-1
6-Amino-2-ethoxynaphthalene and its salts	Several
6-Amino-2-ethoxynaphthalene	293733-21-8
4-Amino-3-fluorophenol and its salts	Several
4-Amino-3-fluorophenol	399-95-1
4-Chloroaniline and its salts	Several
4-Chloroaniline	106-47-8
2,4-Diaminoanisole and its salts	Several
2,4-Diaminoanisole	615-05-4
2,4-Diaminoanisole sulphate	39156-41-7

Chemical Name	CAS Number
4,4'-Diaminodiphenylmethane and its salts	Several
4,4'-Diaminodiphenylmethane	101-77-9
2,4-Diaminotoluene and its salts	Several
2,4-Diaminotoluene	95-80-7
4,4'-Methylenebis-(2-chloraniline) and its salts	Several
4,4'-Methylenebis-(2-chloraniline)	101-14-4
2-Naphthylamine and its salts	Several
2-Naphthylamine	91-59-8
2-Naphthylammonium acetate	553-00-4
Anisidines and its salts	Several
2-Anisidine and its salts	Several
2-Anisidine	90-04-0
Anisidine (o-, p-isomers)	29191-52-4
Benzidines and its salts	Several
Benzidine and its salts	Several
Benzidine	92-87-5
Benzidine dihydrochloride	531-85-1
Benzidine, sulfate (1:1)	531-86-2
Benzidine, sulfate	21136-70-9
Benzidine acetate	36341-27-2
3,3'-Dimethylbenzidine and its salts	Several
3,3'-Dimethylbenzidine	119-93-7
3,3'-Dichlorobenzidine and its salts	Several
3,3'-Dichlorobenzidine	91-94-1
o-Dianisidines and its salts	Several

Chemical Name	CAS Number
3,3'-Dimethoxybenzidine	119-90-4
Dianilines and its salts	Several
4,4'-Oxydianiline and its salts	Several
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianiline and its salts	Several
4,4'-Thiodianiline	139-65-1
Toluidines and its salts	Several
p-Cresidine and its salts	Several
p-Cresidine	120-71-8
m-Toluidine and its salts	Several
m-Toluidine	108-44-1
m-Toluidine hydrochloride	638-03-9
o-Toluidine and its salts	Several
o-Toluidine	95-53-4
p-Toluidine and its salts	Several
p-Toluidine	106-49-0
4,4'-Methylenedi-o-toluidine and its salts	Several
4,4'-Methylenedi-o-toluidine	838-88-0
Nitrotoluidines and its salts	Several
2-Amino-4-nitrotoluene and its salts	Several
2-Amino-4-nitrotoluene	99-55-8
Chlorotoluidines and its salts	Several
4-Chloro-2-toluidine and its salts	Several
4-Chloro-2-toluidine	95-69-2
4-Chloro-2-toluidine hydrochloride	3165-93-3

Chemical Name	CAS Number
Trimethylanilines and its salts	Several
2,4,5-Trimethylaniline and its salts	Several
2,4,5-Trimethylaniline	137-17-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5
Xylidines and its salts	Several
2,4-Xylidine and its salts	Several
2,4-Xylidine	95-68-1
2,6-Xylidine and its salts	Several
2,6-Xylidine	87-62-7
Chemical Name	**CAS Number**
Chlorinated Benzenes and Toluenes	
Chlorinated Benzenes	Several
Pentachlorobenzene	608-93-5
Hexachlorobenzene	118-74-1
Dichlorobenzenes, all isomers	Several
1,2-Dichlorobenzene	95-50-1
1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	106-46-7
Trichlorobenzenes, all isomers	Several
1,2,3-Trichlorobenzene	87-61-6
1,2,4-Trichlorobenzene	120-82-1
1,3,5-Trichlorobenzene	108-70-3
Tetrachlorobenzenes, all isomers	Several
1,2,3,4-Tetrachlorobenzene	634-66-2
1,2,3,5-Tetrachlorobenzene	634-90-2
1,2,4,5-Tetrachlorobenzene	95-94-3
Chlorinated Toluenes	Several
Monochlorotoluenes, all isomers	Several
2-Chlorotoluene	95-49-8
3-Chlorotoluene	108-41-8
4-Chlorotoluene	106-43-4
Dichlorotoluenes, all isomers	Several
2,3-Dichlorotoluene	32768-54-0
2,4-Dichlorotoluene	95-73-8
2,5-Dichlorotoluene	19398-61-9
2,6-Dichlorotoluene	118-69-4
3,4-Dichlorotoluene	95-75-0
3,5-Dichlorotoluene	25186-47-4
Trichlorotoluenes, all isomers	Several
2,3,4-Trichlorotoluene	7359-72-0
2,3,6-Trichlorotoluene	2077-46-5
2,4,5-Trichlorotoluene	6639-30-1
2,4,6-Trichlorotoluene	23749-65-7
3,4,5-Trichlorotoluene	21472-86-6
a,a,a-Trichlorotoluene	98-07-7
Tetrachlorotoluenes, all isomers	Several
2,3,4,5-Tetrachlorotoluene	1006-32-2
2,3,5,6-Tetrachlorotoluene	1006-31-1
2,3,4,6-Tetrachlorotoluene	875-40-1
a,a,a,4-Tetrachlorotoluene	5216-25-1

Chemical Name	CAS Number
a,a,a,2-Tetrachlorotoluene	2136-89-2
Chemical Name	**CAS Number**
Colorants	
Colorants which can cleave in carcinogenic amines	Several
Acid Black 29	12217-14-0
Acid Black 94	6358-80-1
Acid Black 131	12219-01-1
Acid Black 132	12219-02-2
Acid Black 209	72827-68-0
Acid Black 232	
Acid Brown 415	97199-27-4
Acid Orange 45	2429-80-3
Acid Red 4	5858-39-9
Acid Red 5	5858-63-9
Acid Red 24	5858-30-0
Acid Red 35	6441-93-6
Acid Red 73	5413-75-2
Acid Red 85	3567-65-5
Acid Red 104	8006-06-2
Acid Red 114	6459-94-5
Acid Red 115	6226-80-8
Acid Red 116	6245-62-1
Acid Red 119:1	90880-75-4
Acid Red 128	6548-30-7
Acid Red 148	6300-53-4

Chemical Name	CAS Number
Acid Red 150	6226-78-4
Acid Red 158	8004-55-5
Acid Red 167	61901-41-5
Acid Red 264	6505-96-0
Acid Red 265	6358-43-6
Acid Red 420	
Acid Violet 12	6625-46-3
Basic Brown 4	8005-78-5
Basic Red 42	12221-66-8
Basic Red 76	68391-30-0
Basic Red 111	113741-92-7
Basic Red 114	
Basic Yellow 82	71872-38-3
Basic Yellow 103	
Direct Black 4	25156-49-4
Direct Black 29	25180-14-7
Direct Black 154	54804-85-2
Direct Blue 1	2610-05-1
Direct Blue 2	2429-73-4
Direct Blue 3	2429-72-3
Direct Blue 8	2429-71-2
Direct Blue 9	6428-98-4
Direct Blue 10	4198-19-0
Direct Blue 14	72-57-1
Direct Blue 15	2429-74-5

Chemical Name	CAS Number
Direct Blue 21	6420-09-3
Direct Blue 22	2586-57-4
Direct Blue 25	25180-27-2
Direct Blue 35	6473-33-2
Direct Blue 53	314-13-6
Direct Blue 151	110735-25-6
Direct Blue 160	12222-02-5
Direct Blue 173	12235-72-2
Direct Blue 192	159202-76-3
Direct Blue 215	6771-80-8
Direct Blue 295	6420-22-0
Direct Blue 306	
Direct Brown 1	3811-71-0
Direct Brown 1:2	2586-58-5
Direct Brown 2	25255-06-5
Direct Brown 6	25180-39-6
Direct Brown 25	33363-87-0
Direct Brown 27	6360-29-8
Direct Brown 31	25180-41-0
Direct Brown 33	1324-87-4
Direct Brown 51	4623-91-0
Direct Brown 59	6247-51-4
Direct Brown 74	8014-91-3
Direct Brown 79	6483-77-8
Direct Brown 101	3626-29-7

Chemical Name	CAS Number
Direct Brown 154	6360-54-9
Direct Brown 222	64743-15-3
Direct Brown 223	76930-14-8
Direct Green 1	3626-28-6
Direct Green 6	4335-09-5
Direct Green 8	25180-47-6
Direct Green 8:1	76012-70-9
Direct Green 85	72390-60-4
Direct Orange 1	54579-28-1
Direct Orange 6	6637-88-3
Direct Orange 7	2868-76-0
Direct Orange 8	64083-59-6
Direct Orange 10	6405-94-3
Direct Orange 108	6358-79-8
Direct Red 1	25188-24-3
Direct Red 2	992-59-6
Direct Red 7	25188-28-7
Direct Red 10	25188-29-8
Direct Red 13	25188-30-1
Direct Red 17	25188-32-3
Direct Red 21	6406-01-5
Direct Red 22	6448-80-2
Direct Red 24	6420-44-6
Direct Red 26	3687-80-7
Direct Red 37	3530-19-6

Chemical Name	CAS Number
Direct Red 39	6358-29-8
Direct Red 44	2302-97-8
Direct Red 46	6548-29-4
Direct Red 62	6420-43-5
Direct Red 67	6598-56-7
Direct Red 72	8005-64-9
Direct Violet 1	25188-44-7
Direct Violet 4	6472-95-3
Direct Violet 12	2429-75-6
Direct Violet 13	13478-92-7
Direct Violet 21	25188-48-1
Direct Violet 22	25329-82-2
Direct Yellow 24	6486-29-9
Direct Yellow 48	6459-97-8
Disperse Orange 60	12270-44-9
Disperse Red 151	61968-47-6
Disperse Red 221	64426-35-3
Disperse Yellow 7	6300-37-4
Disperse Yellow 56	54077-16-6
Disperse Yellow 218	83929-90-2
Mordant Red 57	2429-84-7
Mordant Yellow 16	8003-87-0
Solvent Orange 7	3118-97-6
Solvent Red 1	1229-55-6
Solvent Red 19	6368-72-5

Chemical Name	CAS Number
Solvent Red 23	85-86-9
Solvent Red 24	85-83-6
Solvent Red 26	4477-79-6
Solvent Red 68	61813-90-9
Solvent Red 164	71819-51-7
Solvent Red 215	85203-90-3
Solvent Yellow 72	61813-98-7
Chemical Name	**CAS Number**
Dioxins and Furans	
Dioxins and Furans - Group 3	Several
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0
Dioxins and Furans - Group 1 and 2	Several
Dioxins and Furans - Group 1	Several
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
Dioxins and Furans - Group 2	Several
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3

Chemical Name	CAS Number
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
Dioxins and Furans - Group 4 and 5	Several
Dioxins and Furans - Group 4	Several
2,3,7,8-Tetrabromodibenzo-p-dioxin	50585-41-6
1,2,3,7,8-Pentabromodibenzo-p-dioxin	109333-34-8
2,3,7,8-Tetrabromodibenzofuran	67733-57-7
2,3,4,7,8-Pentabromodibenzofuran	131166-92-2
Dioxins and Furans - Group 5	Several
1,2,3,4,7,8-Hexabromodibenzo-p-dioxin	110999-44-5
1,2,3,6,7,8-Hexabromodibenzo-p-dioxin	110999-45-6
1,2,3,7,8,9-Hexabromodibenzo-p-dioxin	110999-46-7
1,2,3,7,8-Pentabromodibenzofuran	107555-93-1

Chemical Name	CAS Number
Enzymes	
Enzymes, industrial	Several
alpha-Amylase	9000-90-2
Cellulase	9012-54-8
Laccase	80498-15-3
Peroxidase	9003-99-0
Subtilisins	1395-21-7
Subtilisin	9014-01-1

Chemical Name	CAS Number
Flame retardants	
Chlorinated paraffins, all chain lengths	Several
Paraffin, C14-C17, chlorinated - (MCCP)	85535-85-9
Alkanes, C14-16, chloro	1372804-76-6
Di-, tri- and tetrachlorotetradecane	
Tetradecane, chloro derivs.	198840-65-2
Hexabromocyclododecan, all isomers - group for all major diastereoisomers identified	Several
Hexabromocyclododecane	25637-99-4
1,2,5,6,9,10-Hexabromocyclododecane	3194-55-6
α-Hexabromocyclododecane	134237-50-6
β-Hexabromocyclododecane	134237-51-7
µ-Hexabromocyclododecane	134237-52-8
Polybrominated diphenyl ethers	Several
Monobromodiphenyl ether - (MonoBDE)	Several
2-Bromodiphenyl ether	7025-06-1
3-Bromodiphenyl ether	6876-00-2
4-Bromodiphenyl ether	101-55-3
Tetrabromodiphenyl ether - (TetraBDE)	40088-47-9
2,2´,4,4´-Tetrabromodiphenyl ether	5436-43-1
Hexabromodiphenyl ether - (HexaBDE)	36483-60-0
2,2´,4,4´,5,5´-Hexabromodiphenyl ether	68631-49-2
2,2´,4,4´,5,6´-Hexabromodiphenyl ether	207122-15-4
Heptabromodiphenyl ether - (HeptaBDE)	68928-80-3
2,2´,3,3´,4,5´,6-Heptabromodiphenyl ether	446255-22-7
2,2´,3,4,4´,5´,6-Heptabromodiphenyl ether	207122-16-5

Chemical Name	CAS Number
Greenhouse Gases, fluorinated	
Sulphur hexafluoride	2551-62-4
Propanenitrile, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)-	42532-60-5
Perfluorocarbons	Several
Perfluoromethane	75-73-0
Perfluoroethane	76-16-4
Perfluoropropane	76-19-7
Perfluorobutane	355-25-9
Perfluoropentane	678-26-2
Perfluorohexane	355-42-0
Perfluorocyclobutane	115-25-3
Perfluoro(2-methylpentane)	355-04-4
Perfluorodecalin	306-94-5
Hydrofluorocarbons	Several
HFC-23	75-46-7
HFC-32	75-10-5
HFC-41	593-53-3
HFC-43-10mee	138495-42-8
HFC-125	354-33-6
HFC-134	359-35-3
HFC-134a	811-97-2
HFC-152	624-72-6
HFC-152a	75-37-6
HFC-143	430-66-0
HFC-143a	420-46-2

Chemical Name	CAS Number
HFC-161	353-36-6
HFC-227ea	431-89-0
HFC-236cb	677-56-5
HFC-236ea	431-63-0
HFC-236fa	690-39-1
HFC-245ca	679-86-7
HFC-245fa	460-73-1
HFC-365mfc	406-58-6
Chemical Name	**CAS Number**
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes	
Polychlorinated Biphenyls	1336-36-3
2-Chlorobiphenyl	2051-60-7
3-Chlorobiphenyl	2051-61-8
4-Chlorobiphenyl	2051-62-9
2,2'-Dichlorobiphenyl	13029-08-8
2,3-Dichlorobiphenyl	16605-91-7
2,3'-Dichlorobiphenyl	25569-80-6
2,4-Dichlorobiphenyl	33284-50-3
2,4'-Dichlorobiphenyl	34883-43-7
2,5-Dichlorobiphenyl	34883-39-1
2,6-Dichlorobiphenyl	33146-45-1
3,3'-Dichlorobiphenyl	2050-67-1
3,4-Dichlorobiphenyl	2974-92-7
3,4'-Dichlorobiphenyl	2974-90-5
3,5-Dichlorobiphenyl	34883-41-5

Chemical Name	CAS Number
4,4'-Dichlorobiphenyl	2050-68-2
2,2',3-Trichlorobiphenyl	38444-78-9
2,2',4-Trichlorobiphenyl	37680-66-3
2,2',5-Trichlorobiphenyl	37680-65-2
2,2',6-Trichlorobiphenyl	38444-73-4
2,3,3'-Trichlorobiphenyl	38444-84-7
2,3,4-Trichlorobiphenyl	55702-46-0
2,3,4'-Trichlorobiphenyl	38444-85-8
2,3,5-Trichlorobiphenyl	55720-44-0
2,3,6-Trichlorobiphenyl	55702-45-9
2,3',4-Trichlorobiphenyl	55712-37-3
2,3',5-Trichlorobiphenyl	38444-81-4
2,3',6-Trichlorobiphenyl	38444-76-7
2,4,4'-Trichlorobiphenyl	7012-37-5
2,4,5-Trichlorobiphenyl	15862-07-4
2,4,6-Trichlorobiphenyl	35693-92-6
2,4',5-Trichlorobiphenyl	16606-02-3
2,4',6-Trichlorobiphenyl	38444-77-8
2,3',4'-Trichlorobiphenyl	38444-86-9
2,3',5'-Trichlorobiphenyl	37680-68-5
3,3',4-Trichlorobiphenyl	37680-69-6
3,3',5-Trichlorobiphenyl	38444-87-0
3,4,4'-Trichlorobiphenyl	38444-90-5
3,4,5-Trichlorobiphenyl	53555-66-1
3,4',5-Trichlorobiphenyl	38444-88-1

Chemical Name	CAS Number
2,2',3,3'-Tetrachlorobiphenyl	38444-93-8
2,2',3,4-Tetrachlorobiphenyl	52663-59-9
2,2',3,4'-Tetrachlorobiphenyl	36559-22-5
2,2',3,5-Tetrachlorobiphenyl	70362-46-8
2,2',3,5'-Tetrachlorobiphenyl	41464-39-5
2,2',3,6-Tetrachlorobiphenyl	70362-45-7
2,2',3,6'-Tetrachlorobiphenyl	41464-47-5
2,2',4,4'-Tetrachlorobiphenyl	2437-79-8
2,2',4,5-Tetrachlorobiphenyl	70362-47-9
2,2',4,5'-Tetrachlorobiphenyl	41464-40-8
2,2',4,6-Tetrachlorobiphenyl	62796-65-0
2,2',4,6'-Tetrachlorobiphenyl	68194-04-7
2,2',5,5'-Tetrachlorobiphenyl	35693-99-3
2,2',5,6'-Tetrachlorobiphenyl	41464-41-9
2,2',6,6'-Tetrachlorobiphenyl	15968-05-5
2,3,3',4-Tetrachlorobiphenyl	74338-24-2
2,3,3',4'-Tetrachlorobiphenyl	41464-43-1
2,3,3',5-Tetrachlorobiphenyl	70424-67-8
2,3,3',5'-Tetrachlorobiphenyl	41464-49-7
2,3,3',6-Tetrachlorobiphenyl	74472-33-6
2,3,4,4'-Tetrachlorobiphenyl	33025-41-1
2,3,4,5-Tetrachlorobiphenyl	33284-53-6
2,3,4,6-Tetrachlorobiphenyl	54230-22-7
2,3,4',5-Tetrachlorobiphenyl	74472-34-7
2,3,4',6-Tetrachlorobiphenyl	52663-58-8

Chemical Name	CAS Number
2,3,5,6-Tetrachlorobiphenyl	33284-54-7
2,3',4,4'-Tetrachlorobiphenyl	32598-10-0
2,3',4,5-Tetrachlorobiphenyl	73575-53-8
2,3',4,5'-Tetrachlorobiphenyl	73575-52-7
2,3',4,6-Tetrachlorobiphenyl	60233-24-1
2,3',4',5-Tetrachlorobiphenyl	32598-11-1
2,3',4',6-Tetrachlorobiphenyl	41464-46-4
2,3',5,5'-Tetrachlorobiphenyl	41464-42-0
2,3',5',6-Tetrachlorobiphenyl	74338-23-1
2,4,4',5-Tetrachlorobiphenyl	32690-93-0
2,4,4',6-Tetrachlorobiphenyl	32598-12-2
2,3',4',5'-Tetrachlorobiphenyl	70362-48-0
3,3',4,4'-Tetrachlorobiphenyl	32598-13-3
3,3',4,5-Tetrachlorobiphenyl	70362-49-1
3,3',4,5'-Tetrachlorobiphenyl	41464-48-6
3,3',5,5'-Tetrachlorobiphenyl	33284-52-5
3,4,4',5-Tetrachlorobiphenyl	70362-50-4
2,2',3,3',4-Pentachlorobiphenyl	52663-62-4
2,2',3,3',5-Pentachlorobiphenyl	60145-20-2
2,2',3,3',6-Pentachlorobiphenyl	52663-60-2
2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4
2,2',3,4,5-Pentachlorobiphenyl	55312-69-1
2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8
2,2',3,4,6-Pentachlorobiphenyl	55215-17-3
2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2

Chemical Name	CAS Number
2,2',3,4',5-Pentachlorobiphenyl	68194-07-0
2,2',3,4',6-Pentachlorobiphenyl	68194-05-8
2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3
2,2',3,5,6-Pentachlorobiphenyl	73575-56-1
2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0
2,2',3,5',6-Pentachlorobiphenyl	38379-99-6
2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9
2,2',3,4',5'-Pentachlorobiphenyl	41464-51-1
2,2',3,4',6'-Pentachlorobiphenyl	60233-25-2
2,2',4,4',5-Pentachlorobiphenyl	38380-01-7
2,2',4,4',6-Pentachlorobiphenyl	39485-83-1
2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2
2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9
2,2',4,5',6-Pentachlorobiphenyl	60145-21-3
2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8
2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4
2,3,3',4,5-Pentachlorobiphenyl	70424-69-0
2,3,3',4',5-Pentachlorobiphenyl	70424-68-9
2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3
2,3,3',4,6-Pentachlorobiphenyl	74472-35-8
2,3,3',4',6-Pentachlorobiphenyl	38380-03-9
2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0
2,3,3',5,6-Pentachlorobiphenyl	74472-36-9
2,3,3',5',6-Pentachlorobiphenyl	68194-10-5
2,3,4,4',5-Pentachlorobiphenyl	74472-37-0

Chemical Name	CAS Number
2,3,4,4',6-Pentachlorobiphenyl	74472-38-1
2,3,4,5,6-Pentachlorobiphenyl	18259-05-7
2,3,4',5,6-Pentachlorobiphenyl	68194-11-6
2,3',4,4',5-Pentachlorobiphenyl	31508-00-6
2,3',4,4',6-Pentachlorobiphenyl	56558-17-9
2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7
2,3',4,5',6-Pentachlorobiphenyl	56558-18-0
2,3,3',4',5'-Pentachlorobiphenyl	76842-07-4
2,3',4,4',5'-Pentachlorobiphenyl	65510-44-3
2,3',4',5,5'-Pentachlorobiphenyl	70424-70-3
2,3',4',5',6-Pentachlorobiphenyl	74472-39-2
3,3',4,4',5-Pentachlorobiphenyl	57465-28-8
3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1
2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3
2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4
2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8
2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7
2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1
2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3
2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8
2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5
2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2
2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5
2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2
2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9

Chemical Name	CAS Number
2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4
2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6
2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4
2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0
2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9
2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5
2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8
2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8
2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6
2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0
2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1
2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5
2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2
2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1
2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4
2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2
2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4
2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7
2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7
2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3
2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5
2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8
2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2
2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9
2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0

Chemical Name	CAS Number
2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1
2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6
2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6
2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5
3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6
2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6
2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5
2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8
2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1
2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7
2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7
2,2',3,3',4,5',6'-Heptachlorobiphenyl	52663-70-4
2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9
2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6
2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3
2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2
2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5
2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1
2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3
2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7
2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4
2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0
2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7
2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9

Chemical Name	CAS Number
2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7
2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7
2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8
2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8
2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7
2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2
2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1
2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7
2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2
2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9
2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8
2,2',3,3',5,5',6,6'-Octachlorobiphenyl	2136-99-4
2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0
2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9
2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1
Nonachlorobiphenyl (mixed isomers)	53742-07-7
Decachlorobiphenyl	2051-24-3
Polychlorinated Naphthalenes	Several
Monochloro naphthalene	25586-43-0
1-Chloronaphthalene	90-13-1
2-Chloronaphthalene	91-58-7

Chemical Name	CAS Number
Dichloro naphthalene	28699-88-9
Naphthalene, 1,3-dichloro-	2198-75-6
Naphthalene, 1,4-dichloro-	1825-31-6
Naphthalene, 1,5-dichloro-	1825-30-5
Naphthalene, 2,7-dichloro-	2198-77-8
Chemical Name	**CAS Number**
Metals	
Arsenic, its salts and compounds	Several
Arsenic	7440-38-2
Cadmium, its salts and compounds	Several
Cadmium	7440-43-9
Chromium VI, its salts and compounds	Several
Ammonium dichromate	7789-09-5
Chromium VI	18540-29-9
Chromium trioxide	1333-82-0
Dichromium tris(chromate)	24613-89-6
Lead chromate	7758-97-6
Pentazinc chromate octahydroxide	49663-84-5
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9
Potassium chromate	7789-00-6
Potassium dichromate	7778-50-9
Sodium chromate	7775-11-3
Strontium chromate	7789-06-2
Acids generated from chromium trioxide and their oligomers	Several
Dichromic acid	13530-68-2

Chemical Name	CAS Number
Chromic acid	7738-94-5
Oligomers of chromic acid and dichromic acid	
Sodium dichromate derivatives	Several
Sodium dichromate dihydrate	7789-12-0
Sodium dichromate anhydrous	10588-01-9
Lead, its salts and compounds	Several
Lead	7439-92-1
Lead diacetate	301-04-2 6080-56-4
Trilead dioxide phosphonate	12141-20-7
Pigment White 1	1319-46-6
Tetralead trioxide sulphate	12202-17-4
Sulfurous acid, lead salt, dibasic	62229-08-7
Silicic acid, lead salt	11120-22-2
Silicic acid, barium salt (1:1), lead-doped	68784-75-8
Pyrochlore, antimony lead yellow	8012-00-8
Pentalead tetraoxide sulphate	12065-90-6
Orange lead	1314-41-6
Lead titanium zirconium oxide	12626-81-2
Lead titanium trioxide	12060-00-3
Lead oxide sulfate	12036-76-9
Lead monoxide	1317-36-8
Lead dinitrate	10099-74-8
Lead cyanamidate	20837-86-9
Fatty acids, C16-18, lead salts	91031-62-8

Chemical Name	CAS Number
Dioxobis(stearato)trilead	12578-12-0
Acetic acid, lead salt, basic	51404-69-4
[Phthalato(2-)] dioxotrilead	69011-06-9
Lead(II) bis(methanesulfonate)	17570-76-2
Trilead diarsenate	3687-31-8
Lead styphnate	15245-44-0
Lead dipicrate	6477-64-1
Lead diazide	13424-46-9
Lead bis(tetrafluoroborate)	13814-96-5
Lead hydrogen arsenate	7784-40-9
Tetraethyllead	78-00-2
Mercury, its salts and compounds	Several
Mercury	7439-97-6
Chemical Name	**CAS Number**
Other Chemical Substances	
Hydrazine, its salts and hydrates	Several
Hydrazine hydrates	7803-57-8
Hydrazine sulfate	10034-93-2
Chemical Name	**CAS Number**
Ozone Depleting Substances (according to Regulation (EU) 2024/590)	
Ozone depleting substances (CFCs) class I	Several
Trichlorofluoromethane - (CFC-11)	75-69-4
Dichlorodifluoromethane - (CFC-12)	75-71-8
1,1,2-Trichloro-1,2,2-trifluoroethane - (CFC-113)	76-13-1
1,1,1-Trichloro-2,2,2-trifluoroethane - (CFC-113a)	354-58-5

Chemical Name	CAS Number
1,2-Dichloro-1,1,2,2-tetrafluoroethane - (CFC-114)	76-14-2
1,1-Dichloro-1,2,2,2-tetrafluoroethane - (CFC-114a)	374-07-2
Monochloropentafluoroethane - (CFC-115)	76-15-3
Bromochlorodifluoromethane - (Halon-1211)	353-59-3
Bromotrifluoromethane - (Halon-1301)	75-63-8
Dibromotetrafluoroethane - (Halon-2402)	124-73-2
Chlorotrifluoromethane - (CFC-13)	75-72-9
Pentachlorofluoroethane - (CFC-111)	354-56-3
1,1,2,2-Tetrachloro-1,2-difluoroethane - (CFC-112)	76-12-0
1,1,1,2-Tetrachlorodifluoroethane - (CFC-112a)	76-11-9
Heptachlorofluoropropane - (CFC-211)	422-78-6
Hexachlorodifluoropropane - (CFC-212)	3182-26-1
Pentachlorotrifluoropropane - (CFC-213)	2354-06-5
Tetrachlorotetrafluoropropane - (CFC-214)	29255-31-0
1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane - (CFC-214)	2268-46-4
1,1,3-Trichloropentafluoropropane	76-17-5
1,2,3-Trichloropentafluoropropane - (CFC-215)	1652-81-9
1,1,1-Trichloropentafluoropropane	4259-43-2
1,2,2-Trichloropentafluoropropane	1599-41-3
Dichlorohexafluoropropane - (CFC-216)	661-97-2
1,3-dichloro-1,1,2,2,3,3-hexafluoropropane - (CFC-216ca)	662-01-1
Monochloroheptafluoropropane - (CFC-217)	422-86-6
2-Chloro-1,1,1,2,3,3,3-heptafluoropropane - (CFC-217ba)	76-18-6
Carbon tetrachloride - (CTC)	56-23-5
Methyl bromide	74-83-9

Chemical Name	CAS Number
Dibromofluoromethane - (HBFC-21 B2)	1868-53-7
Bromodifluoromethane - (HBFC-22 B1)	1511-62-2
Bromofluoromethane - (HBFC-31 B1)	373-52-4
Tetrabromofluoroethane - (HBFC-121 B4)	353-93-5
Tribromodifluoroethane - (HBFC-122 B3)	353-97-9
1,2-Dibromo-1,1,2-trifluoroethane - (HBFC-123 B2 / Halon 2302)	354-04-1
Bromotetrafluoroethane - (HBFC-124 B1)	354-07-4
Tribromofluoroethane - (HBFC-131 B3)	172912-75-3
1,2-Dibromo-1,1-difluoroethane - (HBFC-132 B2)	75-82-1
Bromotrifluoroethane - (HBFC-133 B1)	
1-Bromo-2,2,2-trifluoroethane - (HBFC-133a B1)	421-06-7
1,2-Dibromofluoroethane - (HBFC-141 B2)	358-97-4
2-Bromo-1-1-difluoroethane - (HBFC-142 B1)	359-07-9
1-Bromo-2-fluoroethane - (HBFC-151 B1)	762-49-2
Hexabromofluoropropane - (HBFC-221 B6)	
Pentabromodifluoropropane - (HBFC-222 B5)	
Tetrabromotrifluoropropane - (HBFC-223 B4)	
Tribromotetrafluoropropane - (HBFC-224 B3)	666-48-8
Dibromopentafluoropropane - (HBFC-225 B2)	431-78-7
Bromohexafluoropropane - (HBFC-226 B1)	2252-79-1
Pentrabromofluorapropane - (HBFC-231 B5)	
Tetrabromodifluoropropane - (HBFC-232 B4)	148875-98-3
Tribromotrifluoropropane - (HBFC-233 B3)	431-48-1
Dibromotetrafluoropropane - (HBFC-234 B2)	460-86-6
Bromopentafluoropropane - (HBFC-235 B1)	460-88-8
Tetrabrobofluoropropane - (HBFC-241 B4)	

Chemical Name	CAS Number
Tribromodifluoropropane - (HBFC-242 B3)	666-25-1
Dibromotrifluoropropane - (HBFC-243 B2)	460-60-6
Bromotetrafluoropropane - (HBFC-244 B1)	460-67-3
Tribromofluoropropane - (HBFC-251 B1)	75372-14-4
Dibromodifluoropropane - (HBFC-252 B2)	51584-25-9
3-Bromo-1,1,1-trifluoropropane - (HBFC-253 B1)	460-32-2
1,2-Dibromo-3-fluoropropane - (HBFC-261 B2)	453-00-9
Monobromodifluoropropane - (HBFC-262 B1)	461-49-4
1-Bromo-2-fluoropropane - (HBFC-271 B1)	1871-72-3
Chlorobromomethane - (BCM / Halon-1011)	74-97-5
Ozone depleting substances (CFCs) class II	Several
Dibromodifluoromethane - (Halon-1202)	75-61-6
1-Bromopropane - (HBC 280 B1 / n-PB)	106-94-5
Bromoethane - (HBC 160 B1 / EtBr)	74-96-4
Trifluoroiodomethane - (FIC 013 I1 / TFIM)	2314-97-8
Methyl chloride - (HCC 040 / MC)	74-87-3
Dichlorofluoromethane - (HCFC-21)	75-43-4
Monochlorodifluoromethane - (HCFC-22)	75-45-6
Monochlorofluoromethane - (HCFC-31)	593-70-4
1,1,2,2-Tetrachloro-1-fluoroethane - (HCFC-121)	354-14-3
1,1,1,2-Tetrachloro-2-fluoroethane - (HCFC-121a)	354-11-0
Trichlorodifluoroethane - (HCFC-122)	354-21-2
Dichlorotrifluoroethane - (HCFC-123)	306-83-2
1,2-Dichloro-1,1,2-trifluoroethane - (HCFC-123a)	354-23-4
Monochlorotetrafluoroethane - (HCFC-124)	2837-89-0

Chemical Name	CAS Number
1-Chloro-1,1,2,2-tetrafluoroethane - (HCFC-124a)	354-25-6
Trichlorofluoroethane - (HCFC-131)	359-28-4
1,2-Dichloro-1,2-difluoroethane - (HCFC-132)	431-06-1
1,2-Dichloro-1,1-difluoroethane - (HCFC-132b)	1649-08-7
Monochlorotrifluoroethane - (HCFC-133)	1330-45-6
2-Chloro-1,1,1-trifluoroethane - (HCFC-133a)	75-88-7
1,2-Dichloro-1-fluoroethane - (HCFC-141)	430-57-9
Dichlorofluoroethane - (HCFC-141b)	1717-00-6
Chlorodifluoroethane - (HCFC-142)	
Monochlorodifluoroethane - (HCFC-142b)	75-68-3
Chlorofluoroethane - (HCFC-151)	
1-Chloro-1-fluoroethane - (HCFC-151a)	1615-75-4
Hexachlorofluoropropane - (HCFC-221)	29470-94-8
Pentachlorodifluoropropane - (HCFC-222)	134237-36-8
1,1,1,3,3-Pentachloro-2,2-difluoropropane - (HCFC-222c)	422-49-1
Tetrachlorotrifluoropropane - (HCFC-223)	29470-95-9
1,1,3,3-Tetrachloro-1,2,2-trifluoropropane - (HCFC-223ca)	422-52-6
Trichlorotetrafluoropropane - (HCFC-224)	127564-91-4
1,3,3-Trichloro-1,1,2,2-tetrafluoropropane - (HCFC-224ca)	422-54-8
Dichloropentafluoropropane - (HCFC-225)	
Dichloropentafluoropropane - (HCFC-225ca)	422-56-0
Dichloropentafluoropropane - (HCFC-225cb)	507-55-1
Chloro-1,1,2,2,3,3-hexafluoropropane - (HCFC-226cb)	422-55-9
Monochlorohexafluoropropane - (HCFC-226)	28987-04-4
2-Chloro-1,1,1,3,3,3-hexafluoropropane - (HCFC-226da)	431-87-8

Chemical Name	CAS Number
Pentachlorofluoropropane - (HCFC-231)	421-94-3
1,1,3,3-Tetrachloro-2,2-difluoropropane - (HCFC-232ca)	1112-14-7
1,1,3-Trichloro-1,2,2-trifluoropropane - (HCFC-233cb)	421-99-8
Tetrachlorodifluoropropane - (HCFC-232)	460-89-9
Trichlorotrifluoropropane - (HCFC-233)	7125-84-0
Dichlorotetrafluoropropane - (HCFC-234)	127564-83-4
1-Chloro-1,2,2,3,3-pentafluoropropane - (HCFC-235ca)	679-99-2
Monochloropentafluoropropane - (HCFC-235)	460-92-4
Tetrachlorofluoropropane - (HCFC-241)	134190-49-1
Trichlorodifluoropropane - (HCFC-242)	127564-90-3
Dichlorotrifluoropropane - (HCFC-243)	116890-51-8
Monochlorotetrafluoropropane - (HCFC-244)	134190-50-4
Trichloromonofluoropropane - (HCFC-251)	134190-51-5
Dichlorodifluoropropane - (HCFC-252)	134190-52-6
Monochlorotrifluoropropane - (HCFC-253)	134237-44-8 26588-23-8
3-Chloro-1,1,1-trifluoropropane - (HCFC-253fb)	460-35-5
Dichlorofluoropropane - (HCFC-261)	420-97-3
1-Chloro-2,2-difluoropropane - (HCFC-262ca)	420-99-5
2-Chloro-2-fluoropropane - (HCFC-271b)	420-44-0
Monochlorodifluoropropane - (HCFC-262)	421-02-3
Monochlorofluoropropane - (HCFC-271)	430-55-7
Chemical Name	**CAS Number**
PFAS (Poly- and perfluoroalkyl substances)	
Perfluorobutane sulfonic acid and its derivatives	Several

Chemical Name	CAS Number
Perfluorobutane sulfonic acid and its salts	Several
Perfluorobutane sulfonic acid	375-73-5
Perfluorobutane sulfonates	45187-15-3
Perfluorobutane sulfon amides	30334-69-1
Perfluorobutane sulfon amido ethanols	Several
Perfluorobutane sulfon amidoethyl (meth)acrylates	Several
Perfluorobutane sulfon halides	Several
Perfluorobutane sulfon polymers	Several
Perfluorohexane sulfonic acid and its derivatives	Several
Perfluorohexane sulfonic acid and its salts	Several
Perfluorohexane sulfonic acid	355-46-4
Perfluorohexane sulfonate	108427-53-8
Potassium perfluorohexane-1-sulphonate	3871-99-6
Ammonium perfluorohexane-1-sulphonate	68259-08-5
Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)	866621-50-3
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	911027-69-5
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1

Chemical Name	CAS Number
1-Butanaminium, N,N,N-tributyl-, salt with1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	108427-54-9
Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	108427-55-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with pyrrolidine (1:1)	1187817-57-7
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1)	1329995-45-0
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1)	1329995-69-8
Methanaminium, N,N,N-trimethyl-, salt with1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)	202189-84-2
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)	341035-71-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	425670-70-8
Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	421555-74-0
Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	421555-73-9
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	911027-68-4
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3

Chemical Name	CAS Number
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-24-0
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9
Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1462414-59-0
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	341548-85-4
Perfluorohexane sulfon amides	Several
Perfluorohexane sulfon amide	41997-13-1
Tridecafluoro-N-methylhexanesulphonamide	68259-15-4
Perfluorohexane sulfon halides	Several
Perfluorohexanesulphonyl fluoride	423-50-7
Perfluorooctane sulfonic acid and its derivatives	Several
Perfluorooctane sulfon amides	Several
Perfluorooctane sulfonamide	754-91-6
Heptadecafluoro-N-methyloctane sulfonamide	31506-32-8
Perfluorooctane sulfon amidoethanols	Several
Heptadecafluoro-N-methyloctane sulfonamideoethanol	24448-09-7

Chemical Name	CAS Number
1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-	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
Perfluorooctane sulfon halides	Several
1-Octanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-	307-35-7
Perfluorooctane sulfonic acid and its salts	Several
Diethanolamine perfluorooctane sulfonate	70225-14-8
Ammonium perfluorooctane sulfonate	29081-56-9
Lithium perfluorooctane sulfonate	29457-72-5
Perfluorooctane sulfonic acid	1763-23-1
Perfluorooctane sulfonate	45298-90-6
Potassium heptadecafluoro-octane-1-sulphonate	2795-39-3
Ethanaminium, N,N,N-triethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	56773-42-3
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	251099-16-8
Perfluoroalkyl sulfonic acid and its derivatives - F(CF2)n [n>8]	Several
Perfluoroalkyl sulfonic acid and its salts - F(CF2)n [n>8]	Several
Perfluorodecane sulfonic aidc	335-77-3
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluoro-1-decanesulfonic acid	39108-34-4
1-Dodecanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-	120226-60-0
Perfluorobutanoic acid and its salts	Several
Perfluorobutanoic acid	375-22-4
Perfluorohexanoic acid and its salts	Several
Perfluorohexanoic acid - (PFHxA)	307-24-4

Chemical Name	CAS Number
Perfluoroheptanoic acid and its salts	Several
Perfluoroheptanoic acid	375-85-9
Potassium perfluoroheptanoate	21049-36-5
Perfluorooctanoic acid and its salts	Several
Perfluorooctanoic acid - (PFOA)	335-67-1
Ammonium pentadecafluoro octanoate	3825-26-1
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, sodium salt (1:1)	335-95-5
Potassium perfluorooctanoate	2395-00-8
Silver(1+) perfluorooctanoate	335-93-3
Perfluorocarboxylic acids (C9-C14) and its salts	Several
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecanoic acid	27854-31-5
2,2,3,4,4,5,5,6,6,7,8,8,8-Tridecafluoro-3,7-bis(trifluoromethyl)octanoic acid	172155-07-6
4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Heptadecafluoroundecanoic acid	34598-33-9
Perfluorononanoic acid and its salts	Several
Perfluorononanoic acid	375-95-1
Sodium salts of perfluorononan-1-oic-acid	21049-39-8
Ammonium salts of perfluorononan-1-oic-acid	4149-60-4
Perfluorodecanoic acid and its salts	Several
Perfluorodecanoic acid	335-76-2
Ammonium nonadecafluoro-decanoate	3108-42-7
Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3
Perfluoroundecanoic acid and its salts	Several
Perfluoroundecanoic acid	2058-94-8
Perfluorododecanoic acid and its salts	Several
Perfluorododecanoic acid	307-55-1

Chemical Name	CAS Number
Perfluorotridecanoic acid and its salts	Several
Perfluorotridecanoic acid	72629-94-8
Perfluorotetradecanoic acid and its salts	Several
Perfluorotetradecanoic acid	376-06-7
Perfluorobutanoic acid related substances	Several
4:2 Fluorotelomer alcohol (4:2 FTOH)	2043-47-2
Perfluorohexanoic acid related substances	Several
1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-	27619-97-2
Perfluorohexylethyl alcohols	Several
6:2 Fluorotelomer alcohols (6:2 FTOH)	647-42-7
Perfluorohexylethyl olefins	Several
Perfluorohexylethene	25291-17-2
Perfluorohexylethyl halides	Several
Tridecafluoro-1-iodohexane	355-43-1
1H,1H,2H,2H-Perfluorooctyliodide	2043-57-4
Perfluorohexylethyl acrylates or methacrylates	Several
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate	2144-53-8
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl acrylate	17527-29-6
Perfluorohexylethyl polymers	Several
Perfluorooctanoic acid related substances	Several
Methyl perfluorooctanoate	376-27-2
Ethyl perfluorooctanoate	3108-24-5
Perfluorooctylethyl alcohols	Several
8:2 Fluorotelomer alcohols (8:2 FTOH)	678-39-7
Perfluorooctylethyl olefins	Several

Chemical Name	CAS Number
Perfluorooctylethene	21652-58-4
Perfluorooctylethyl halides	Several
Heptadecafluoro-1-iodooctane	507-63-1
1H,1H,2H,2H-Perfluorodecyliodide	2043-53-0
Pentadecafluorooctyl fluoride	335-66-0
Perfluorooctylethyl acrylate or methacrylate	Several
2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	1996-88-9
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	27905-45-9
Perfluorooctylethyl polymers	Several
Perfluorocarboxylic acid (C9-C14) related substances	Several
Perfluorododecylethanol	39239-77-5
Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafluoro-12-iodo-	2043-54-1
2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester	2144-54-9
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester	17741-60-5
Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafluoro-14-iodo-	30046-31-2
Perfluorodecanoic acid related substances	Several
10:2 Fluorotelomer alcohol - (10:2 FTOH)	865-86-1
Perfluoroalkyl compounds, branched	Several
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	Several
2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionic acid	13252-13-6
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionate	67118-55-2
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	62037-80-3

Chemical Name	CAS Number
2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionyl fluoride	2062-98-8
Chemical Name	**CAS Number**
Tin-organic Compounds	
Methyltin compounds	Several
Monomethyltin compounds - (MMT)	Several
Methyltin trichloride	993-16-8
Dimethyltin compounds - (DMT)	Several
Dimethyltin dichloride	753-73-1
Trimethyltin compounds - (TMT)	Several
Trimethyltin chloride	1066-45-1
Ethyltin compounds	Several
Tetraethyltin compounds - (TeET)	Several
Tetraethyltin	597-64-8
Propyltin compounds	Several
Dipropyltin compounds - (DPT)	Several
Dichlorodipropyltin	867-36-7
Tripropyltin compounds - (TPT)	Several
Tripropyltin chloride	2279-76-7
Butyltin compounds	Several
Monobutyltin compounds - (MBT)	Several
N-butyltin trichloride	1118-46-3
Monobutyltin tris(ethylhexanoate)	23850-94-4
Dibutyltin compounds - (DBT)	Several
Dibutyltin (DBT)	1002-53-5
Dibutyltin oxide	818-08-6

Chemical Name	CAS Number
Dibutyltin maleate	78-04-6
Dibutyltin bis(acetylacetonate)	22673-19-4
Dibutyltin bis(2-ethylhexanoate)	2781-10-4
Dibutyltin di(acetate)	1067-33-0
Dibutyltin dichloride	683-18-1
Tributyltin compounds - (TBT)	Several
Bis(tributyltin) oxide	56-35-9
Tin-San - A tributyltin chloride complex	56573-85-4
Tributyltin chloride	1461-22-9
Tetrabutyltin compounds - (TeBT)	Several
Tetrabutyltin	1461-25-2
Hexyltin compounds	Several
Tricyclohexyltin compounds - (TCyHT)	Several
Tricyclohexyltin chloride	3091-32-5
Octyltin compounds	Several
Monooctyltin compounds - (MOT)	Several
Monooctyltin trichloride	3091-25-6
Dioctyltin compounds - (DOT)	Several
Dioctyltin dilaurate	3648-18-8
Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4
Dioctyltin dihydride	15231-44-4
Dichlorodioctyl stannane	3542-36-7
Trioctyltin compounds - (TOT)	Several
Trioctyltin chloride	2587-76-0
Tetraoctyltin compounds - (TeOT)	Several
Tetraoctyltin	3590-84-9
Phenyltin compounds	Several
Monophenyltin compounds - (MPhT)	Several
Monophenyltin trichloride	1124-19-2
Diphenyltin compounds - (DPhT)	Several
Diphenyltin dichloride	1135-99-5
Triphenyltin compounds - (TPhT)	Several
Triphenyltin	668-34-8
Triphenyltin chloride	639-58-7