bluesign® system substances list (BSSL)

Consumer safety limits

Version 15.0 | 01 July 2024

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1 Introduction

This document specifies the limits for chemical substances in articles. It also defines usage bans for chemical substances prohibited from the manufacturing of articles.
It is important to know that due to quantity and range of listed substances and substance groups the consumer safety limits cannot be controlled by testing of articles alone and/or by confirmation declarations from suppliers (conventional RSL and/or testing approach).
This is the reason why the bluesign® SYSTEM integrates the up-stream parts of the manufacturing chain including chemical suppliers. Only an input stream management with an appropriate network of bluesign® SYSTEM PARTNERS leads to comprehensive knowledge on chemical products and assures that restrictions and bans are achieved.

2 Definitions and Abbreviations

2.1 Accessory

A component of a consumer product which is not classified as textile fabric (e.g. button, label, zipper, etc.).

2.2 Article

An object which during production is given a special shape, surface or design, which determines its function to a greater degree than does its chemical composition (fibers, textile fabrics, buttons, zippers, etc.).

2.3 BSSL

bluesign® system substances list. A list that specifies consumer safety limits for chemical substances in articles. It also defines usage bans for chemical substances prohibited from the manufacturing of articles.

2.4 CAS Number

CAS numbers are unique numerical identifiers for chemical elements, compounds, polymers, biological sequences, mixtures or alloys. Chemical Abstracts Service (CAS), a division of the American Chemical Society, assigns these identifiers to every chemical that has been described in the literature. The intention is to make database searches more convenient, as chemicals often have many names. Almost all molecule databases today allow searching by CAS numbers.

2.5 Chemical Substance

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

2.6 Component

A part of an article that can be distinguished according to the material composition, the functionality and / or the color and is easily, mechanically separated from the other components.

2.7 Limit Value

The maximum amount of chemical substances permitted in articles for the usage ranges A, B and C.

2.7.1 Detection Limit (DL)

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

2.7.2 Quantification Limit (QL)

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

2.7.3 Limitation

For several substances or substance groups a limitation is defined. For these substances or substance group a usage ban is not given but only a consumer safety limit.

2.8 Member

This term describes a member of a group of restricted substances. It can be a chemical substance, or a subgroup of substances. See also section 2.13.

2.9 Mixture

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

2.10 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’ rating but to a ‘grey’ rating. The limit type ‘monitoring’ can be allocated for different reasons.

- For some chemical substances toxicological and / or ecological properties are not yet well defined. Therefore, the risk assessment is not complete.
- For some substances sufficient information on possible / typical contamination of articles and chemical products is not available now. Those substances are under observation. Exact restrictions will be defined as soon as more information exists.

2.11 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 human and the environment that can be adapted to all kind of industries. Some Sectors of Use are combined to groups. The applied Sectors of Use are

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

2.12 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 for big 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.

2.13 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)

2.14 Usage Ban

For several chemical substances or substance groups a usage ban is defined. For these substances or substance groups intentional use in manufacturing of articles is prohibited. This means that chemical products (e.g. colorants or textile auxiliaries) used for manufacturing of articles must not intentionally contain these substances or substance groups.
The aim of a usage ban is to avoid release of harmful substances to workers, the environment and to avoid occurrence in the manufactured article by applying the precautionary principle.

2.15 Usage Range

Usage ranges classify consumer goods according to their consumer safety relevance. Three usage ranges (A, B, C) are defined with A being the most stringent category concerning limit values / bans:

- Usage Range A: Next to skin use and baby articles (0 to 3 years)
- Usage Range B: Occasional skin contact
- Usage Range C: No skin contact

Common consumer goods and allocated usage ranges are listed in the separate document ‘Usage Ranges’.

3 Testing Methods

The testing methods listed in the table in chapter 5 are the recommended ones. The testing method column consists of two entries: sample preparation, e.g. extraction, digestion, derivatization, and the test method, e.g. GC-MS, LC-MS, etc.

Depending on their availability international or national standards are also given for several substances and these methods should be applied. Other accredited methods can only be applied if it can be verified that equivalent results are obtained.

If not stated otherwise all test methods shall define the total content of the substance in the article. High recovery rate and low uncertainty shall be achieved. Robustness of method shall be given. Details of the respective sample preparation methods can be found in the following table.

Sample preparation	Solvent(s)	Temperature (°C)	Time (min)	Other requirements
Extraction with KOH	Potassiumhydroxide (1M)	90	12-15h	Derivatization with Aceticanhydride
Extraction with MeOH	Methanol	70	60	Ultrasonic bath
Extraction with THF	Tetrahydrofuran	40	60	---
Extraction with DCM	Dichloromethane	40	60	Ultrasonic bath
Extraction with MTBE	Methyl-tert-butyl-ether	60	60	Ultrasonic bath
Extraction with Water	Deionized Water	---	---	---
Extraction with MeOH / Acetonitrile	Methanol / Acetonitrile (1:1)	70	30	Ultrasonic bath
Extraction with Potassiumcarbonate Solution	Potassiumcarbonate Solution	room temp.	60	Ultrasonic bath
Extraction with THF / Acetone	Tetrahydrofuran / Acetone	60	60	Ultrasonic bath Derivatization with Acetonitrile
Extraction with Acetone	Acetone	70	60	Ultrasonic bath
Extraction with Hexane / Dichloroethane	Hexane / Dichloroethane	70	60	---
ASE - Accelerated Solvent Extraction	Acetone / Hexane (1:1)	100	---	---
ASE - Accelerated Solvent Extraction	Ethylacetate	40	---	---
Soxhlet Extraction	Acetone / Hexane (1:1)	---	480	---
Headspace	---	120	45	---
DIN EN ISO 105-E04 (2013)	Acidic Sweat Solution	37	60	Textile to liquor ratio = 1:50

4 Scope and Validity

The document specifies restrictions (limits and bans) for chemical substances in:

- Articles and accessories made for different sectors of use (like textile and leather); see chapter 2.11.

4.1 Scope

The limits and restrictions shall be applied for each individual component of an intermediate or finished article. A component is each part of an article that can be distinguished according to the material composition and/or functionality and/or color and is easily mechanically separated from other components.

4.2 Validity

BSSL version 15.0 comes into force on 1st of July 2024. It replaces the bluesign® system substances list (BSSL) version 14.0 from 1st of July 2023.
This document is revised annually in line with latest legislation and research. It is supported by stakeholder comments of bluesign® SYSTEM PARTNER experts.
For all bluesign® SYSTEM PARTNERS: Unless otherwise stated, the revised sections will be implemented by 1st July 2025 at the latest

5 Consumer Safety Limits

This section informs on all consumer safety limits.
In addition to the restrictions and bans for chemical substances mentioned in Section 5.8, the restrictions defined in Sections 5.1 to 5.7 apply.

5.1 pH-Value

Test method: ISO 3071 (2020) (non-leather products), ISO 4045 (2018) (leather products).
Range: 4.0 to 7.5 (non-leather products), 3.2 to 4.5 (chrome-tanned leather products), 3.5 to 7.9 (other leather products).

5.2 Odor

No unpleasant odor shall be emitted from the products. Test method: SNV 195 651.

5.3 Sensitizing Disperse Dyes

Disperse dyes (mainly used in PES dyeing) which are sensitizing and classified with the risk phrase H317 are not allowed for the usage range A.

5.4 Textiles Dyed with Disperse or Metal Complex Dyes

Disperse dyes and metal complex dyes may have a relevant consumer safety risk.
Therefore, special restrictions concerning color fastness to perspiration are defined: for textiles dyed with disperse or metal complex dyes, fastness to perspiration must be at least between 3 and 4. The goal should be ≥ 4. Test method: ISO 105-E04 (2013). For other dyestuff classes no fastness specifications are defined.

5.5 Color Fastness to Saliva and Perspiration

Testing of color fastness to saliva and perspiration can be relevant for articles with potential risk for mouthing and / or exposure to babies. Colors must be fast to saliva and perspiration. This corresponds to level 5 of the currently valid standard DIN 53160-1 (2010) (test with artificial saliva) and DIN 53160-2 (2010) (test with artificial sweat). The 5-step grey scale and its use for determining changes in color of textiles in color fastness tests are described in ISO 105-A02 (1993). Test methods: § 64 LFGB BVL B 82.10-1 in combination with DIN 53160-1 and -2.

5.6 Articles from recyled material

Textile recycling is an important factor for sustainability, but often a black box regarding the mix of (restricted) chemicals inside.
Instructions regarding the use of recycled materials are given in our guidance documents, the 'Guidance sheet Input stream management of non-chemical raw materials/intermediates at manufacturers' and the 'Guideline Input Stream Management at Manufacturers'.
To enable bluesign® APPROVED articles from recycled materials, bluesign reserves the right to accept in exceptional cases higher limits than given in this document under the precondition of legal compliance, consumer safety and proper input stream management.

5.7 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
- Certain dyestuff with a CF3 group that formally fall under the PFAS definition and that were still listed in the bluesign® FINDER is subject to fast-track phase out. By 1st of July 2024 affected chemical products are removed from the bluesign® FINDER
- By January 2025 all bluesign® APPROVED articles that were treated with PFAS containing chemicals will be removed from the bluesign® GUIDE
- Exceptions might be possible, for more details see last version of the 'Guidance Sheet PFAS phase out'.

- Residual amounts of CF3-group containing dyestuff formulations which article manufacturers may still have in stock by 1st of July 2024 may be used up for producing bluesign® APPROVED articles. Latest by 1st of January 2026 articles and products that contain dyestuff with CF3 groups shall not be put on the market labelled as bluesign® APPROVED or bluesign® PRODUCT.

Analytical proof that PFAS chemicals are not included:
At first screening test for total Fluorine via combustion ion chromatography (EN14582 or ASTM 07359; Quantification Limit: 50 mg/kg). Screening test is followed by confirmatory testing on single substances in case of findings. Beside individual substance testing information from the supply chain on possible fluorine compounds shall be gathered.
bluesign follows the PFAS definition indicated in the general EU restriction proposal on PFAS which is based on the 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 might also affect substances that do not fall into the typical application of water/oil/stain repellents.

5.8. Restrictions and Bans for Chemical Substances

For easier comprehension and overview, the substances are grouped according to:

- Chemical composition (e.g. amines, isocyanates)
- Functionality (e.g. flame retardants, solvents)
- EHS-properties / risks (e.g. ozone depleting substances)

Some of the substances may be relevant for more than one group; in such cases the substance is listed in the most relevant group. Annex I lists individual substances that belong to substance groups.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Aldehydes									
Acrolein	107-02-8	All	Usage ban	20			mg/kg	LC-MS // Extraction with Methanol	
Acetaldehyde	75-07-0		Usage ban	10			mg/kg		
Formaldehyde	50-00-0	Textiles Down/feather Polymer parts Metal parts	Limitation	15	75	300	mg/kg	ISO 14184-1 (2011)	
		Leather	Limitation	15	75	300	mg/kg	EN ISO 17226 (2019) with EN ISO 17226-1 (2021) confirmation method in case of interferences.	Test method: Alternatively EN ISO 17226-1 (2021) can be used on its own.
Glutaraldehyde	111-30-8	All	Usage ban	50			mg/kg	EN ISO 17226-1 (2019)	
Glyoxal	107-22-2	Textiles Down/feather Polymer parts Metal parts	Limitation	5	10	10	mg/kg	LC-MS // Extraction with Methanol	
		Leather	Monitoring	5	10	10	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Alkylphenolethoxylates (APEOs)									
Alkylphenolethoxylates (APEOs)	Several	All	Usage ban		100		mg/kg		For sum of all restricted APEO. Goal should be 100 mg/kg for APEOs + APs. Test methods: See NPEO/OPEO. For recycled materials a higher limit up to 500 mg/kg is accepted by Bluesign when it complies with the requirements under REACH.
Nonylphenol ethoxylates (NPEO)	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		100		mg/kg	EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS	For sum of all allocated Members/Substances. Single Members/Substances listed in the BSSL Annex. (If traces above 10 ppm are detected the source of contamination has to be identified and phased out.)
	Several	Leather	Usage ban		100		mg/kg	Sample prep. and analysis using EN ISO 18218-1:2015 with quantification acc. to EN ISO 18254-1:2016	
Octylphenol ethoxylates (OPEO)	Several	Leather	Usage ban		100		mg/kg		
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		100		mg/kg	EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Alkylphenols (APs)									
Alkylphenols (APs)	Several	All	Usage ban		10		mg/kg		For sum of all alkylphenols.
4-tert-Butylphenol	98-54-4	Textiles Leather	Usage ban		10		mg/kg	EN ISO 21084 (2019)	
		Down/feather Polymer parts Metal parts	Usage ban		10		mg/kg	EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C	
p-(1,1-Dimethylpropyl) phenol	80-46-6	Textiles Leather	Usage ban		10		mg/kg	EN ISO 21084 (2019)	
		Down/feather Polymer parts Metal parts	Usage ban		10		mg/kg	EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C	
4-Heptylphenol, branched and linear	Several		Usage ban		10		mg/kg		For sum of all allocated Members/Substances. Single Members/Substances listed in Annex.
	Several	Textiles Leather	Usage ban		10		mg/kg	EN ISO 21084 (2019)	
Octylphenol (OP), mixed isomers	Several		Usage ban		10		mg/kg		For sum of all allocated Members/Substances. Single Members/Substances listed in the BSSL Annex.
	Several	Down/feather Polymer parts Metal parts	Usage ban		10		mg/kg	EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C	
Nonylphenol (NP), mixed isomers	Several	Textiles Leather	Usage ban		10		mg/kg	EN ISO 21084 (2019)	
	Several	Down/feather Polymer parts Metal parts	Usage ban		10		mg/kg	EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C	
Dodecylphenol, mixed isomers	***27193-86-8***	Textiles Leather	Usage ban		10		mg/kg	EN ISO 21084 (2019)	For sum of all allocated Members/Substances. Single Members/Substances listed in Annex.
		Down/feather Polymer parts Metal parts	Usage ban		10		mg/kg	EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Amines									
2-Aminoethanol	141-43-5	All	Limitation	100	200	200	mg/kg	GC-MS // Extraction with Methanol	
Aminoethylethanolamine - (AEEA)	111-41-1		Usage ban	10			mg/kg		
Fatty acid condensation products with AEEA which may cleave to AEEA			Usage ban	10			mg/kg	LC-MS // Extraction with Methanol and derivatization with Acetylacetone/Water	
Diethanolamine	111-42-2		Limitation	10			mg/kg	GC-MS // Extraction with Methanol	
Diethylenetriamine	111-40-0		Monitoring	1.0	10	50	mg/kg		
Diphenylamine	122-39-4		Monitoring	100			mg/kg		
Dipropylenetriamine	56-18-8		Monitoring	50			mg/kg		
Ethylenediamine	107-15-3		Usage ban	10			mg/kg		
Hexamethylenetetramine	100-97-0		Limitation	10	50	50	mg/kg		
Imidazole	288-32-4		Usage ban	10			mg/kg		
Melamine	108-78-1		Usage ban	200			mg/kg		Articles need to comply latest 01 July 2025.
2-Naphthylphenylamine	135-88-6		Usage ban	1.0			mg/kg		
Triethylamine	121-44-8		Limitation	2.0	10	10	mg/kg		
Trimethylamine	75-50-3		Limitation	10			mg/kg		
Anilines, its salts and compounds	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Amines									
Aniline - free content	62-53-3	Leather	Usage ban		30		mg/kg	EN ISO 17234-1 (2020)	In case aniline is detected, the test needs to be repeated without addition of sodium dithionite.
		Textiles Polymer parts	Usage ban		30		mg/kg	EN ISO 14362-1 (2017)	
N-Methylaniline	100-61-8	All	Limitation		30		mg/kg	GC-MS // Extraction with Methanol	
Phenylenediamines and its salts	Several								
p-Phenylenediamine and its salts	Several	All	Usage ban		20		mg/kg	GC-MS // Extraction with Methanol	
p-Phenylenediamine	106-50-3								
p-Phenylenediamine-dihydrochloride	624-18-0								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Arylamines									
Arylamines	Several	Leather	Usage ban					EN ISO 17234-1 (2020) EN ISO 17234-2 (2011) // for azo colorants which may release 4-Aminoazobenzene	Usage ban 20 mg/kg for every allocated arylamine and its corresponding salts (as substance for example in PU or by reductive cleavage of azo colorants)
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban					EN ISO 14362-1 (2017) EN ISO 14362-3 (2017) // for azo colorants which may release 4-Aminoazobenzene	
o-Aminoazotoluene and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	Single Substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
p-Aminoazobenzene and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-2 (2011) // for azo colorants which may release 4-Aminoazobenzene	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-3 (2017) // for azo colorants which may release 4-Aminoazobenzene	
4-Aminobiphenyl and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Arylamines									
6-Amino-2-ethoxynaphthalene and its salts	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
4-Amino-3-fluorophenol and its salts	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
4-Chloroaniline and its salts	Several		Usage ban	20			mg/kg		
	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
2,4-Diaminoanisole and its salts	Several		Usage ban	20			mg/kg		
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
4,4'-Diaminodiphenylmethane and its salts	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
2,4-Diaminotoluene and its salts	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Arylamines									
4,4'-Methylenebis-(2-chloraniline) and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
2-Naphthylamine and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
Anisidines and its salts	Several								
Anisidine (o-, p-isomers)	29191-52-4	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
		Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	
2-Anisidine and its salts	Several		Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	Single Substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
2-Anisidine	90-04-0								
Benzidines and its salts	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Arylamines									
Benzidine and its salts	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	Single Substances listed in Annex
	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
3,3'-Dimethylbenzidine and its salts	Several		Usage ban	20			mg/kg		
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
3,3'-Dichlorobenzidine and its salts	Several		Usage ban	20			mg/kg		
	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
o-Dianisidines and its salts	Several		Usage ban	20			mg/kg		
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
Dianilines and its salts	Several								
4,4'-Oxydianiline and its salts	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	Single Substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
4,4'-Thiodianiline and its salts	Several		Usage ban	20			mg/kg		
	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
Toluidines and its salts	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Arylamines									
p-Cresidine and its salts	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	Single Substances listed in Annex
	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
m-Toluidine and its salts	Several		Usage ban	20			mg/kg		
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
o-Toluidine and its salts	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
p-Toluidine and its salts	Several		Usage ban	20			mg/kg		
	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
4,4'-Methylenedi-o-toluidine and its salts	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	
	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	
Nitrotoluidines and its salts	Several								
2-Amino-4-nitrotoluene and its salts	Several	Leather	Usage ban	20			mg/kg	EN ISO 17234-1 (2020)	Single Substances listed in Annex

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Arylamines									
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
Chlorotoluidines and its salts	Several								
4-Chloro-2-toluidine and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	Single Substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
Trimethylanilines and its salts	Several								
2,4,5-Trimethylaniline and its salts	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	Single Substances listed in Annex
	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	
Xylidines and its salts	Several								
2,4-Xylidine and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	Single Substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		mg/kg	EN ISO 14362-1 (2017)	
2,6-Xylidine and its salts	Several	Leather	Usage ban		20		mg/kg	EN ISO 17234-1 (2020)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Arylamines									
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			mg/kg	EN ISO 14362-1 (2017)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Biocides									
2-Chloroacetamide	79-07-2	All	Usage ban	1.0			mg/kg	GC-MS // Extraction with Methanol	
4-Chloro-3-methylphenol - (CMK/CMC)	59-50-7	Leather	Monitoring					prEN ISO 13365-1 (2019)	
Dichlorophen	97-23-4	All	Usage ban	1.0			mg/kg	GC-MS // Derivatisation with Acetic anhydride	
Dimethylfumarate	624-49-7		Usage ban	0.1			mg/kg	ISO 16186 (2021)	
N-Methylol-chloroacetamide	2832-19-1		Usage ban	1.0			mg/kg	GC-MS // Extraction with Methanol	
Permethrin	52645-53-1		Usage ban	1.0	1.0		mg/kg	GC-MS // ASE with Acetone/Hexane GC-MS // Soxhlet Extraction with Acetone/Hexane LC-MS // ASE with Acetone/Hexane LC-MS // Soxhlet Extraction with Acetone/Hexane	Usage range C // See bluesign® CRITERIA for biocidal products and antimicrobial active substances.
Pyrithione sodium	3811-73-2		Limitation	50	200	200	mg/kg		Articles need to comply latest 01 July 2025.
Pyrithione zinc	13463-41-7		Usage ban	10			mg/kg	DIN EN 16711-1 (2016) // Total content	Testing: Zn metal content, in case of positive result further testing with CE/ICP-MS.
2-(Thiocyanatomethylthio) benzothiazol - (TCMTB)	21564-17-0	Leather	Monitoring					prEN ISO 13365-1 (2019)	
Triclosan	3380-34-5	Textiles	Usage ban	1.0	1.0		mg/kg	EN 17134 (2019)	Usage range C // See bluesign® CRITERIA for biocidal products and antimicrobial active substances.
		Leather	Usage ban	1.0	1.0		mg/kg	prEN ISO 13365-1 (2019)	
Chlorinated and non-chlorinated Isothiazolinone-derivatives	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban					LC-MS // Extraction with Methanol	Usage ban with exception of usage as preservative (in chemical products)

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Biocides									
	Several	Leather	Usage ban					prEN ISO 13365-1 (2019)	
5-Chloro-2-methyl-4-isothiazolin-3-one - (CIT)	26172-55-4	Textiles Down/feather Polymer parts Metal parts	Usage ban		1		mg/kg	LC-MS // Extraction with Methanol	Traces from preservatives
		Leather	Usage ban		1		mg/kg	prEN ISO 13365-1 (2019)	
2-Methyl-4-isothiazolin-3-one - (MIT)	2682-20-4	Textiles Down/feather Polymer parts Metal parts	Usage ban		10		mg/kg	LC-MS // Extraction with Methanol	
		Leather	Usage ban		10		mg/kg	prEN ISO 13365-1 (2019)	
Mixture (3:1) of CIT and MIT	55965-84-9		Usage ban		1		mg/kg		
2-Methyl-1,2-benzothiazol-3(2H)-one - (MBIT)	2527-66-4	Textiles Down/feather Polymer parts Metal parts	Usage ban		1		mg/kg	LC-MS // Extraction with Methanol	
			Usage ban		10		mg/kg		
		Leather	Usage ban		10		mg/kg	prEN ISO 13365-1 (2019)	
2-n-Octyl-4-isothiazolin-3-one - (OIT)	26530-20-1	Textiles Down/feather Polymer parts Metal parts	Usage ban		10		mg/kg	LC-MS // Extraction with Methanol	
		Leather	Usage ban		10		mg/kg	prEN ISO 13365-1 (2019)	
1,2-Benzoisothiazol-3(2H)-one - (BIT)	2634-33-5	Textiles Down/feather Polymer parts Metal parts	Usage ban		25		mg/kg	LC-MS // Extraction with Methanol	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Biocides									
		Leather	Usage ban	25			mg/kg	prEN ISO 13365-1 (2019)	
Dichlorooctyl isothiazolinone - (DCOIT)	64359-81-5	Textiles Down/feather Polymer parts Metal parts	Usage ban	10			mg/kg	LC-MS // Extraction with Methanol	
		Leather	Usage ban	10			mg/kg	prEN ISO 13365-1 (2019)	
o-Phenylphenol and its salts	Several		Limitation	50	100	200	mg/kg	DIN 50009 (2021)	
	Several	Textiles	Limitation	50			mg/kg		
o-Phenylphenol	90-43-7								
Sodium 2-biphenylate	132-27-4								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Chlorinated Benzenes and Toluenes									
Chlorinated Benzenes and Toluenes	Several	All	Usage ban		5.0		mg/kg	EN 17137 (2018)	For sum of all allocated chlorinated benzenes and toluenes. Additional regulation for each allocated Member/Substance - Usage ban 1.0 mg/kg.
Chlorinated Benzenes	Several								
Monochlorobenzene	108-90-7	All	Usage ban		1.0		mg/kg	EN 17137 (2018)	
Pentachlorobenzene	608-93-5		Usage ban		1.0		mg/kg		
Hexachlorobenzene	118-74-1		Usage ban		0.5		mg/kg		
Dichlorobenzenes, all isomers	Several		Usage ban						Usage ban 1.0 mg/kg for every allocated Member/Substance. Single substances listed in Annex.
Trichlorobenzenes, all isomers	Several		Usage ban						
Tetrachlorobenzenes, all isomers	Several		Usage ban						
Chlorinated Toluenes	Several								
Pentachlorotoluene	877-11-2	All	Usage ban		1.0		mg/kg	EN 17137 (2018)	
Chlorotoluene, unspecific mixture	25168-05-2		Usage ban		1.0		mg/kg		
Monochlorotoluenes, all isomers	Several		Usage ban						Usage ban 1.0 mg/kg for every allocated Member/Substance. Single substances listed in Annex.
Dichlorotoluenes, all isomers	Several		Usage ban						
Trichlorotoluenes, all isomers	Several		Usage ban						

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Chlorinated Benzenes and Toluenes									
Tetrachlorotoluenes, all isomers	Several		Usage ban					EN 17137 (2018)	Usage ban 1.0 mg/kg for every allocated Member/Substance. Single substances listed in Annex

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Chlorinated Phenols									
Trichlorophenol, all isomers	*25167-82-2*	All	Usage ban	0.05	0.5	0.5	mg/kg		For sum of all allocated TriCPs.
2,3,4-Trichlorophenol	15950-66-0								
2,3,5-Trichlorophenol	933-78-8								
2,3,6-Trichlorophenol	933-75-5								
2,4,5-Trichlorophenol	95-95-4								
2,4,6-Trichlorophenol	88-06-2								
3,4,5-Trichlorophenol	609-19-8								
Tetrachlorophenol, its salts and compounds	*25167-83-3*	All	Usage ban	0.05	0.5	0.5	mg/kg		For sum of all allocated TeCPs.
2,3,4,5-Tetrachlorophenol	4901-51-3								
2,3,4,6-Tetrachlorophenol	58-90-2								
2,3,5,6-Tetrachlorophenol	935-95-5								
Pentachlorophenol, its salts, esters and compounds	Several	All	Usage ban	0.05	0.5	0.5	mg/kg		For sum of all allocated PCPs.
Pentachlorophenol	87-86-5								
Mono- and Dichlorophenols	Several	All	Usage ban		1.0		mg/kg	DIN 50009 (2021) EN ISO 17070 (Leather)	For sum of all allocated Mono- and DiCPs.
Monochlorophenols, all isomers	*25167-80-0*								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Chlorinated Phenols									
2-Chlorophenol	95-57-8								
3-Chlorophenol	108-43-0								
4-Chlorophenol	106-48-9								
Dichlorophenols, all isomers	*25167-81-1*								
2,3-Dichlorophenol	576-24-9								
2,4-Dichlorophenol	120-83-2								
2,5-Dichlorophenol	583-78-8								
2,6-Dichlorophenol	87-65-0								
3,4-Dichlorophenol	95-77-2								
3,5-Dichlorophenol	591-35-5								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Colorants									
Colorants with carcinogenic potential	Several	All	Usage ban					DIN 54231 (2022)	Usage ban 20 mg/kg for every allocated Member/Substance
Acid Red 26	3761-53-3		Usage ban		20		mg/kg		
Leucomalachite green	129-73-7		Usage ban		20		mg/kg		
Basic Red 9	569-61-9		Usage ban		20		mg/kg		
Basic Violet 14	632-99-5		Usage ban		20		mg/kg		
Direct Black 38	1937-37-7		Usage ban		20		mg/kg		
Direct Blue 6	2602-46-2		Usage ban		20		mg/kg		
Direct Brown 95	16071-86-6		Usage ban		20		mg/kg		
Direct Red 28	573-58-0		Usage ban		20		mg/kg		
Disperse Blue 1	2475-45-8		Usage ban		20		mg/kg		
Disperse Orange 11	82-28-0		Usage ban		20		mg/kg		
Disperse Yellow 3	2832-40-8		Usage ban		20		mg/kg		
Pigment Yellow 34	1344-37-2		Usage ban		20		mg/kg		
Pigment Red 104	12656-85-8		Usage ban		20		mg/kg		
Solvent Red 80	6358-53-8		Usage ban		20		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Colorants									
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		Usage ban		20		mg/kg	DIN 54231 (2022)	
Solvent Yellow 2	60-11-7		Usage ban		20		mg/kg	DIN 54231 (2022)	
Basic Green 4 - (Malachite Green)	Several		Usage ban		20		mg/kg		
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					DIN 54231 (2022)	Usage ban 20 mg/kg for every allocated Member/Substance
Disperse Blue 3	2475-46-9		Usage ban		20		mg/kg		
Disperse Blue 7	3179-90-6		Usage ban		20		mg/kg		
Disperse Blue 26	3860-63-7		Usage ban		20		mg/kg		
Disperse Blue 102	12222-97-8		Usage ban		20		mg/kg		
Disperse Blue 106	12223-01-7		Usage ban		20		mg/kg		
Disperse Blue 124	61951-51-7 15141-18-1		Usage ban		20		mg/kg		
Disperse Brown 1	23355-64-8		Usage ban		20		mg/kg		
Disperse Orange 1	2581-69-3		Usage ban		20		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Colorants									
Disperse Orange 3	730-40-5		Usage ban		20		mg/kg	DIN 54231 (2022)	
Disperse Red 1	2872-52-8		Usage ban		20		mg/kg		
Disperse Red 11	2872-48-2		Usage ban		20		mg/kg		
Disperse Red 17	3179-89-3		Usage ban		20		mg/kg		
Disperse Yellow 1	119-15-3		Usage ban		20		mg/kg		
Disperse Yellow 9	6373-73-5		Usage ban		20		mg/kg	DIN 54231 (2022)	
Disperse Yellow 39	12236-29-2		Usage ban		20		mg/kg		
Disperse Yellow 49	54824-37-2		Usage ban		20		mg/kg		
Solvent Yellow 14	842-07-9		Usage ban		20		mg/kg		
Disperse Blue 35	Several		Usage ban		20		mg/kg		
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		20		mg/kg	DIN 54231 (2022)	
Disperse Orange 37/59/76 [1]	12223-33-5								
Disperse Orange 37/59/76 [2]	13301-61-6								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Colorants									
Disperse Orange 37/59/76 [3]	51811-42-8								
Colorants banned for other reasons	Several	All	Usage ban					DIN 54231 (2022)	Usage ban 20 mg/kg for every allocated Member/Substance
Acid Orange 24	1320-07-6		Usage ban		20		mg/kg		
Acid Violet 49	1694-09-3		Usage ban		20		mg/kg		
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		Usage ban		20		mg/kg		
Basic Violet 1	8004-87-3		Usage ban		20		mg/kg		
Direct Black 91	6739-62-4		Usage ban		20		mg/kg		
Direct Blue 76	16143-79-6		Usage ban		20		mg/kg		
Direct Blue 218	28407-37-6		Usage ban		20		mg/kg		
Direct Yellow 1	6472-91-9		Usage ban		20		mg/kg		
Disperse Yellow 23	6250-23-3		Usage ban		20		mg/kg		
Disperse Orange 149	85136-74-9		Usage ban		20		mg/kg		
Solvent Blue 4	6786-83-0		Usage ban		20		mg/kg		
Basic Violet 3	Several		Usage ban		20		mg/kg		
Basic Violet 3 [1]	548-62-9								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Colorants									
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		Usage ban	20			mg/kg		
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	20			mg/kg	DIN 54231 (2022)	
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					DIN 54231 (2022)	Usage ban 20 mg/kg for every allocated Member/Substance. Single substances listed in Annex.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Dioxins and Furans									
Dioxins and Furans - Group 3	Several	All	Usage ban	95			µg/kg	EPA 8290A	For sum 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		Usage ban	5.0			µg/kg		For sum of all allocated Members/Substances to Group 1 and 2. Single substances listed in Annex.
Dioxins and Furans - Group 1	Several		Usage ban	1.0			µg/kg		For sum of all allocated Members/Substances to Group 1. Single substances listed in Annex.
Dioxins and Furans - Group 4 and 5	Several		Usage ban	5.0			µg/kg		For sum of all allocated Members/Substances to Group 4 and 5. Single substances listed in Annex.
Dioxins and Furans - Group 4	Several		Usage ban	1.0			µg/kg		For sum of all allocated Members/Substances to Group 4. Single substances listed in Annex.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Fibers									
Asbestos	Several	All	Usage ban					REM/EDX BGI 505-46 U.S. EPA/600/R-93/116	For all allocated Substances/Members. Usage ban // Not detected. Single substances listed in Annex.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Flame retardants									
Tetrabromobisphenol A - (TBBP A)	79-94-7	All	Usage ban		5.0		mg/kg	EN ISO 17881-1 (2016)	
Tetrabromobisphenol A bis(2,3-dibromopropylether)	21850-44-2		Usage ban		5.0		mg/kg		
Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7		Usage ban		5.0		mg/kg	EN ISO 17881-2 (2016)	
Tri(aziridin-1-yl) phosphine oxide - (TEPA)	545-55-1		Usage ban		5.0		mg/kg		
Bis(2,3-dibromopropyl) phosphate - (BDBPP)	5412-25-9		Usage ban		5.0		mg/kg		
Trimethyl phosphate	512-56-1		Usage ban		5.0		mg/kg		
Tri-o-cresyl phosphate	78-30-8		Usage ban		5.0		mg/kg		
Tris(methylphenyl) phosphate	1330-78-5		Usage ban		5.0		mg/kg		
Tris(2-chloroethyl) phosphate - (TCEP)	115-96-8		Usage ban		5.0		mg/kg	ISO 17881-2 (2016)	
Tris-(2-chloro-1-methylethyl) phosphate - (TCPP)	13674-84-5		Usage ban		5.0		mg/kg		
Tris-[2-chloro-1-(chloromethyl)ethyl] phosphate - (TDCP or TDCPP)	13674-87-8		Usage ban		5.0		mg/kg		
Tris(2,3-dibromopropyl) phosphate - (TRIS)	126-72-7		Usage ban		5.0		mg/kg		
Trixylyl phosphate - (TXP)	25155-23-1		Usage ban		5.0		mg/kg		
Brominated alkyl alcohols	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Flame retardants									
2,2-Bis(bromomethyl)-1,3-propanediol - (BBMP)	3296-90-0	All	Usage ban		5.0		mg/kg	EN ISO 17881-1 (2016)	
2,3-Dibromopropan-1-ol - (2,3-DBPA)	96-13-9		Usage ban		5.0		mg/kg		
1-Propanol, 2,2-dimethyl-, tribromo deriv.	36483-57-5 1522-92-5		Usage ban		5.0		mg/kg		
Chlorinated paraffins, all chain lengths	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban					ISO 22818 (2021)	Usage ban 5.0 mg/kg for every allocated group.
	Several	Leather	Usage ban					ISO 18219 (2021)	Usage ban 100 mg/kg for every allocated group.
Paraffin wax, chlorinated	63449-39-8	Textiles Down/feather Polymer parts Metal parts	Usage ban		5.0		mg/kg		
		Leather	Usage ban		100		mg/kg		
Paraffin, C10-C13, chlorinated - (SCCP)	85535-84-8	Textiles Down/feather Polymer parts Metal parts	Usage ban		5.0		mg/kg		
		Leather	Usage ban		100		mg/kg		
Paraffin, C18-C28, chlorinated - (LCCP)	85535-86-0	Textiles Down/feather Polymer parts Metal parts	Usage ban		5.0		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Flame retardants									
		Leather	Usage ban		100		mg/kg		
Paraffin, C14-C17, chlorinated - (MCCP)	*85535-85-9*	Textiles Down/feather Polymer parts Metal parts	Usage ban		5.0		mg/kg		
		Leather	Usage ban		100		mg/kg		
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	All	Usage ban		5.0		mg/kg	EN ISO 17881-1 (2016)	
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 ethanes	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Flame retardants									
Decabromodiphenylethane (DBDPE)	84852-53-9	All	Usage ban		5.0		mg/kg	EN ISO 17881-1 (2016)	
Polybrominated diphenyl ethers	Several		Usage ban						Usage ban 5.0 mg/kg for every allocated Member/Substance
Decabromodiphenyl ether - (DecaBDE)	1163-19-5		Usage ban		5.0		mg/kg		
Monobromodiphenyl ether - (MonoBDE)	Several		Usage ban		5.0		mg/kg		
2-Bromodiphenyl ether	7025-06-1								
3-Bromodiphenyl ether	6876-00-2								
4-Bromodiphenyl ether	101-55-3								
Tribromodiphenyl ether - (TriBDE)	*49690-94-0*		Usage ban		5.0		mg/kg		
Tetrabromodiphenyl ether - (TetraBDE)	*40088-47-9*		Usage ban		5.0		mg/kg		
Pentabromodiphenyl ether - (PentaBDE)	*32534-81-9*		Usage ban		5.0		mg/kg		
Hexabromodiphenyl ether - (HexaBDE)	*36483-60-0*	All	Usage ban		5.0		mg/kg	EN ISO 17881-1 (2016)	
Heptabromodiphenyl ether - (HeptaBDE)	*68928-80-3*		Usage ban		5.0		mg/kg		
Octabromodiphenyl ether - (OctaBDE)	*32536-52-0*		Usage ban		5.0		mg/kg		
Nonabromodiphenyl ether - (NonaBDE)	*63936-56-1*		Usage ban		5.0		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Glycols									
Bis(2-methoxyethyl) ether	111-96-6	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban	5.0			mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-Butoxyethanol	111-76-2	Textiles Down/feather Leather Metal parts Rubber articles	Limitation	50	100	100	mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Limitation	50	100	100	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-Butoxyethyl acetate	112-07-2	Textiles Down/feather Leather Metal parts Rubber articles	Limitation	10	100	100	mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Limitation	10	100	100	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-Ethoxyethanol	110-80-5	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban	5.0			mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Glycols									
2-Ethoxyethyl acetate	111-15-9	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban		5.0		mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban		5.0		mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
Ethylene glycol dimethyl ether	110-71-4	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban		5.0		mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban		5.0		mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-Methoxyethanol	109-86-4	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban		5.0		mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban		5.0		mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-Methoxyethyl acetate	110-49-6	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban		5.0		mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban		5.0		mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Glycols									
2-(2-Methoxyethoxy) ethanol	111-77-3	Textiles Down/feather Leather Metal parts Rubber articles	Limitation	1.0	10	100	mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Limitation	1.0	10	100	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
1-Methoxy-2-propanol	107-98-2	Textiles Down/feather Leather Metal parts Rubber articles	Limitation	50	200	200	mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Limitation	50	200	200	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-Methoxy-1-propanol	1589-47-5	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban	5.0			mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-Methoxypropyl acetate	70657-70-4	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban	5.0			mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Glycols									
Triethylene glycol dimethyl ether	112-49-2	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban	5.0			mg/kg	GC-MS // Extraction with Methanol	
		Plastic article	Usage ban	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes									
Polybrominated Biphenyls	***59536-65-1***	All	Usage ban		5.0		mg/kg	EN ISO 17881-1 (2016)	For sum of all allocated Members/Substances.
Monobromo biphenyl	26264-10-8								
Hexabromo biphenyl	36355-01-8	All	Usage ban		0.5		mg/kg	EN ISO 17881-1 (2016)	
Decabromo-1,1'-biphenyl	13654-09-6								
Polychlorinated Biphenyls	***1336-36-3***	All	Usage ban		1.0		mg/kg	ISO/TR 17881-3 (2018)	For sum of all allocated Members/Substances.
Polychlorinated Terphenyls	***61788-33-8***		Usage ban		1.0		mg/kg		
Polybrominated Terphenyls	Several		Usage ban		1.0		mg/kg	EN ISO 17881-1 (2016)	
Polychlorinated Naphthalenes	Several		Usage ban					ISO/TR 17881-3 (2018)	Usage ban 1.0 mg/kg for every allocated Member/Substance
Monochloro naphthalene	*25586-43-0*		Usage ban		1.0		mg/kg		For sum of all allocated Members/Substances. Single substances listed in Annex.
Dichloro naphthalene	*28699-88-9*		Usage ban		1.0		mg/kg		
Trichloro naphthalene	*1321-65-9*		Usage ban		1.0		mg/kg		For sum of all allocated Members/Substances.
Tetrachloro naphthalene	*1335-88-2*		Usage ban		1.0		mg/kg		
Pentachloro naphthalene	*1321-64-8*		Usage ban		1.0		mg/kg		
Hexachloro naphthalene	*1335-87-1*		Usage ban		1.0		mg/kg		
Heptachloro naphthalene	*32241-08-0*		Usage ban		1.0		mg/kg		
Octachloro naphthalene	*2234-13-1*		Usage ban		1.0		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes									
Polybrominated Naphthalenes	Several		Usage ban		1.0		mg/kg	EN ISO 17881-1 (2016)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Halogenated Diarylalkanes									
Halogenated Diarylalkanes	Several	All	Usage ban					GC-MS // Extraction following DIN EN 62321-6 (2016)	Usage ban // 1.0 mg/kg for every allocated Member/Substance
Monomethyl-dibromo-diphenyl methane	***99688-47-8***		Usage ban		1.0		mg/kg		For sum of all allocated Members/Substances.
Monomethyl-dichloro-diphenyl methane	***81161-70-8***		Usage ban		1.0		mg/kg		
Monomethyl-tetrachloro-diphenyl methane	***76253-60-6***		Usage ban		1.0		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Isocyanates									
Isocyanates	Several	All	Limitation	1.0			mg/kg	EN 13130-8 (2004)	Free content applies to sum of all allocated isocyanates
1,3-Bis(isocyanatomethyl)benzene	3634-83-1								
Dicyclohexylmethane-4,4-di-isocyanate	5124-30-1								
2,6-Diisopropylphenyl-isocyanate	28178-42-9								
Hexamethylene-di-isocyanate	822-06-0								
Isophorone-di-isocyanate	4098-71-9								
Napthylene-1,5-di-isocyanate - [containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]	3173-72-6								
Phenylisocyanate	103-71-9								
Tetramethylxylene-di-isocyanate	2778-42-9								
2,4,6-Trimethyl-1,3-phenylene diisocyanate	16959-10-7								
Diphenylmethane-di-isocyanates	Several								
Diphenylmethane-4,4-di-isocyanate	101-68-8								
Diphenylmethane-2,2-di-isocyanate	2536-05-2								
Diphenylmethane-2,4-di-isocyanate	5873-54-1								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Isocyanates									
Methylenediphenyl diisocyanate - mixed isomers	26447-40-5								
Methylenediphenyl diisocyanate - technical grade	9016-87-9								
Toluene-di-isocyanates	Several								
Toluene-2,4-di-isocyanate	584-84-9								
Toluene-2,6-di-isocyanate	91-08-7								
2,4-/2,6-TDI mixture	26471-62-5								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
Antimony, its salts and compounds	Several								
Antimony - as content	7440-36-0	Leather	Limitation	5	10	10	mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	As extractable metal content // Usage as flame retardant: bluesign® CRITERIA for flame retardants have to be followed.
		Fibers/yarns	Limitation	260			mg/kg	DIN EN 16711-1 (2016) // Total content	As total metal content // valid for polyester fibers (also dope dyed), but not for finished polyester textiles.
		Down/feather Polymer parts Metal parts	Limitation	60			mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009)	As extractable metal content // Usage as flame retardant: bluesign® CRITERIA for flame retardants have to be followed.
		Textiles	Limitation	5	10	10	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	
Arsenic, its salts and compounds	Several								
Arsenic - as content	7440-38-2	Textiles Down/feather Polymer parts Metal parts	Usage ban	10			mg/kg	DIN EN 16711-1 (2016) // Total content	As total metal content . Single substances listed in the BSSL Annex.
			Usage ban	0.2			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content. Single substances listed in the BSSL Annex.
		Leather	Usage ban	0.2			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	As extractable metal content . Single substances listed in the BSSL Annex.
			Usage ban	10			mg/kg	EN ISO 17072-2 (2019) // Total content	As total metal content . Single substances listed in the BSSL Annex.
Barium, its salts and compounds	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
Barium - as content	7440-39-3	All	Limitation	1000			mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009)	As extractable metal content. Single substances listed in the BSSL Annex.
Cadmium, its salts and compounds	Several								
Cadmium - as content	7440-43-9	Textiles Down/feather Polymer parts	Usage ban	0.1			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content. Single substances listed in the BSSL Annex.
		Leather	Usage ban	40			mg/kg	EN ISO 17072-2 (2019) // Total content	As total metal content. Single substances listed in the BSSL Annex.
		Textiles Down/feather Polymer parts	Usage ban	40			mg/kg	DIN EN 16711-1 (2016) // Total content	
		Metal parts	Usage ban	40			mg/kg		
		Leather	Usage ban	0.1			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	As extractable metal content. Single substances listed in the BSSL Annex.
Chromium, its salts and compounds - except Chromium VI, its salts and compounds	Several								
Chromium - as content	7440-47-3	Textiles	Limitation	0.5			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content // for textiles dyed with chromium containing metal complex dyes A: 1.0 // B: 2.0 // C: 2.0 mg/kg.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
		Down/feather Polymer parts Metal parts	Limitation	60			mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009)	As extractable metal content. If products are covered with a metal layer, including a chromium layer, coating must be constantly in good condition.
Chromium VI, its salts and compounds	Several								
Chromium VI - as content	18540-29-9	Leather	Usage ban	3.0			mg/kg	DIN EN ISO 4044 (2017) EN ISO 17075-1 (2017) EN ISO 17075-2 (2017)	As extractable metal content. Thermal pre-ageing test required in advance: ISO 10195:2018. Single substances listed in the BSSL Annex.
		Textiles Down/feather Polymer parts	Usage ban	0.5			mg/kg	EN ISO 17075-1 (2017)	As extractable metal content. Single substances listed in the BSSL Annex.
		Metal parts	Usage ban	0.5			mg/kg	EN 62321-7-1 (2016)	
Cobalt, its salts and compounds	Several								
Cobalt - as content	7440-48-4	Down/feather Polymer parts Metal parts	Limitation	1.0	4.0	4.0	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content.
		Leather	Limitation	1.0			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	As extractable metal content // exception for articles dyed with cobalt containing metal complex dyes A: 1.0 // B: 4.0 // C: 4.0 mg/kg. Single substances listed in the BSSL Annex.
		Textiles	Limitation	1.0			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	
Copper, its salts and compounds	Several								
Copper - as content	7440-50-8	Textiles	Limitation	25	50	50	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
		Leather	Limitation	25	50	50	mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	
Lead, its salts and compounds	Several								
Lead - as content	7439-92-1	Metal parts	Usage ban	90			mg/kg	DIN EN 16711-1 (2016) // Total content	As total metal content. Single substances listed in the BSSL Annex.
		Leather	Usage ban	40			mg/kg	EN ISO 17072-2 (2019) // Total content	
			Usage ban	0.2	1.0	1.0	mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	As extractable metal content. Single substances listed in the BSSL Annex.
		Textiles Down/feather Polymer parts	Usage ban	40			mg/kg	DIN EN 16711-1 (2016) // Total content	As total metal content. Single substances listed in the BSSL Annex.
			Usage ban	0.2	1.0	1.0	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content. Single substances listed in the BSSL Annex.
Mercury, its salts and compounds	Several								
Mercury - as content	7439-97-6	Metal parts	Usage ban	60			mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices EN ISO 12846 (2012)	As extractable metal content.
		Leather	Usage ban	0.02			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	
		Textiles Down/feather Polymer parts	Usage ban	0.02			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	
Nickel, its salts and compounds	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
Nickel - as content	7440-02-0	Down/feather Leather	Limitation	1.0			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	As extractable metal content // exception for articles dyed with nickel containing metal complex dyes A: 1.0 // B: 4.0 // C: 4.0 mg/kg.
		Polymer parts Metal parts	Usage ban	0.5	0.5		µg/cm²/week	EN 12472 (2020) EN 1811 (2011) + A1 (2015) // Release	Usage ban for A and B // Release // as metal content.
		Textiles	Limitation	1.0			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content // exception for articles dyed with nickel containing metal complex dyes A: 1.0 // B: 4.0 // C: 4.0 mg/kg.
Selenium, its salts and compounds	Several								
Selenium - as content	7782-49-2	Textiles Down/feather Polymer parts Metal parts	Limitation	500			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content.
		Leather	Limitation	500			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	
Silver, its salts and compounds	Several								
Silver - as content	7440-22-4	Textiles Leather	Limitation						Approval for silver components with biocidal activity only granted if proper risk assessment shows there is no harm for the people and the environment. Approval only possible if allowed and/or not forbidden in the EU (BPR on ECHA website). e.g. use of nano silver is not allowed in the EU for textile application.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Monomers									
Acrylamide	79-06-1	All	Usage ban	1.0			mg/kg	CEN/TS 13130-10 (2005)	
Acrylonitrile	107-13-1		Usage ban	1.0			mg/kg	EN 13130-3 (2004)	
2-Chlorobuta-1,3-diene	126-99-8		Monitoring	1.0			mg/kg	According to BVL B 80.30-22	Usage ban
4-Cyanocyclohexene	100-45-8		Monitoring	50			mg/kg	GC-MS // Headspace	
Epichlorohydrin	106-89-8		Usage ban	1.0			mg/kg	CEN/TS 13130-20 (2005)	
Methacrylamide	79-39-0	Down/feather Leather Polymer parts Metal parts	Limitation	1.0	10	50	mg/kg	GC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol LC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol	
		Textiles	Limitation	1.0	10	50	mg/kg	GC-MS // 2-Step extraction with Acetone/Hexane and Methanol LC-MS // 2-Step extraction with Acetone/Hexane and Methanol	
N-Methylolacrylamide	924-42-5	Down/feather Leather Polymer parts Metal parts	Usage ban	1.0	10	10	mg/kg	GC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol LC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol	
		Textiles	Usage ban	1.0	10	10	mg/kg	GC-MS // 2-Step extraction with Acetone/Hexane and Methanol LC-MS // 2-Step extraction with Acetone/Hexane and Methanol	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Monomers									
Styrene	100-42-5	All	Limitation	10	10	100	mg/kg	GC-MS // Extraction with Methanol	
Tetrafluoroethylene	116-14-3	Leather	Usage ban	1.0			mg/kg	EN ISO 23702-1 (2018)	
		Textiles Down/feather Polymer parts Metal parts	Usage ban	1.0			mg/kg	CEN/TS 15968 (2014)	
N-Vinyl-2-pyrrolidone	88-12-0	Leather	Limitation	1.0			mg/kg	EN ISO 19070 (2016)	
		Textiles	Limitation	1.0			mg/kg	EN 17131 (2019) ISO 16189 (2021)	
		Down/feather Polymer parts Metal parts	Limitation	1.0			mg/kg	ISO 16189 (2021)	
Vinyl acetate	108-05-4	All	Limitation	10	50	50	mg/kg	GC-MS // Headspace	
Vinyl chloride	75-01-4		Usage ban	0.1			mg/kg	ISO 6401 (2008)	
Vinylidene chloride	75-35-4		Limitation	10			mg/kg	EN 13130-6 (2004) // Headspace GC-ECD EN 13130-6 (2004) // Headspace GC-FID	
1-Vinylimidazole	1072-63-5		Usage ban	50	200	200	mg/kg	GC-MS // Extraction with Acetone	
Acrylates	Several		Limitation					GC-MS // Headspace LC-MS // Extraction with Methanol	
Acrylic acid	79-10-7		Limitation	5			mg/kg	LC-MS // Extraction with Methanol	
Butyl acrylate	141-32-2		Limitation	10	50	100	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Monomers									
tert-Butylacrylate	1663-39-4		Limitation	10	10	100	mg/kg	GC-MS // Headspace	
Butyl methacrylate	97-88-1		Limitation	10	10	100	mg/kg		
Ethyl acrylate	140-88-5		Limitation	1.0			mg/kg		
2-Ethylhexyl acrylate	103-11-7		Limitation	50	50	100	mg/kg		
Ethyl methacrylate	97-63-2		Limitation	10	10	100	mg/kg		
2-Hydroxyethyl methacrylate	868-77-9		Limitation	50	50	100	mg/kg		
Methacrylic acid	79-41-4		Limitation	10	50	100	mg/kg	LC-MS // Extraction with Methanol	
2-Methoxyethyl acrylate	3121-61-7		Limitation	10	50	50	mg/kg	GC-MS // Headspace	
Methyl acrylate	96-33-3		Limitation	5	20	20	mg/kg		
Methyl methacrylate	80-62-6		Limitation	10	10	100	mg/kg		
Octadecyl acrylate	4813-57-4		Limitation	50	50	100	mg/kg		
2-Phenoxyethyl acrylate	48145-04-6		Limitation	50	50	100	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Nitrosamines									
Nitrosamines	Several	All	Usage ban					GB/T 24513 (2009) EN ISO 19577 (2019)	As substance and as reaction product from secondary amines for example in elastomers or rubbers. Usage ban 0.5 mg/kg for every allocated Member/Substance.
N-Nitroso-di-n-butylamine	924-16-3		Usage ban		0.5		mg/kg		
N-Nitroso-di-ethanolamine	1116-54-7		Usage ban		0.5		mg/kg		
N-Nitroso-di-ethylamine	55-18-5		Usage ban		0.5		mg/kg		
N-Nitroso-di-isopropylamine	601-77-4		Usage ban		0.5		mg/kg		
N-Nitroso-di-methylamine	62-75-9		Usage ban		0.5		mg/kg		
N-Nitroso-di-benzylamine	5336-53-8		Usage ban		0.5		mg/kg		
N-Nitroso-di-isobutylamine	997-95-5		Usage ban		0.5		mg/kg		
N-Nitroso-di-isononylamine	1207995-62-7		Usage ban		0.5		mg/kg		
N-Nitroso-di-n-propylamine	621-64-7		Usage ban		0.5		mg/kg		
N-Nitroso-ethylphenylamine	612-64-6		Usage ban		0.5		mg/kg		
N-Nitroso-methylphenylamine	614-00-6		Usage ban		0.5		mg/kg		
N-Nitrosomethyl-n-butylamine	7068-83-9		Usage ban		0.5		mg/kg		
N-Nitrosomethyl-n-propylamine	924-46-9		Usage ban		0.5		mg/kg		
N-Nitroso-morpholine	59-89-2		Usage ban		0.5		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Nitrosamines									
N-Nitroso-piperidine	100-75-4		Usage ban	0.5			mg/kg	EN ISO 19577 (2019) GB/T 24513 (2009)	
N-Nitroso-pyrrolidine	930-55-2		Usage ban	0.5			mg/kg	GB/T 24513 (2009) EN ISO 19577 (2019)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Acetone oxime	127-06-0	All	Limitation	20	100	100	mg/kg	GC-MS // Extraction with Methanol	
Acetophenone	98-86-2		Limitation	20			mg/kg		
Ammonia	7664-41-7		Limitation	10	50	50	mg/kg	IC // Extraction with Deionized Water	
Azobenzene	103-33-3 17082-12-1		Usage ban	1.0			mg/kg	GC-MS // Extraction with Methanol LC-MS // Extraction with Methanol	
Azodicarbonamide - (ADCA)	123-77-3		Usage ban	100	200	200	mg/kg	GC-MS // Solvent extraction LC-MS // Solvent extraction LC-DAD // Solvent extraction	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 alcohol	100-51-6		Limitation	10	100	100	mg/kg	GC-MS // Extraction with Acetone	
Benzyl chloride	100-44-7		Usage ban	1.0			mg/kg	GC-MS // Extraction with Dichloromethane	
Biphenyl	92-52-4		Limitation	100	100	500	mg/kg	GC-MS // Extraction following DIN EN 62321-6 (2016)	
Bisphenol A	80-05-7		Usage ban	1.0	10	10	mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: Tetrahydrofuran (1:1)	
Bisphenol AF	1478-61-1		Usage ban	100			mg/kg		Articles need to comply latest 01 July 2025.
Bisphenol B	77-40-7		Usage ban	10			mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Bisphenol F	620-92-8		Limitation	100			mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: Tetrahydrofuran (1:1)	Reporting limit: 10 ppm. Specific limit for leather tanning and textile aftertreatment: 500 ppm. Articles need to comply latest 01 July 2025
Bisphenol S	80-09-1		Usage ban	100			mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: Tetrahydrofuran (1:1)	Reporting limit: 10 ppm. Specific limit for leather tanning and textile aftertreatment: 500 ppm. Articles need to comply latest 01 July 2025.
2-Butanone oxime	96-29-7		Usage ban	1.0	10	10	mg/kg	GC-MS // Extraction with Methanol	
4-tert-Butyltoluene	98-51-1		Usage ban	1.0			mg/kg		
2-Butyne-1,4-diol	110-65-6		Monitoring	1.0			mg/kg		
ε-Caprolactam	105-60-2		Monitoring	100	1000	1000	mg/kg	LC-MS // Extraction with Methanol	
2-Chloroethanol	107-07-3		Limitation	1.0	10	50	mg/kg	GC-MS // Extraction with Methanol GC-MS // Headspace	
Colophony	8050-09-7 8052-10-6		Limitation	10	10	100	mg/kg	LC-MS // Extraction with methyl tert-butyl ether (MTBE)	Analysed as abietic acid.
Cyclohexanol	108-93-0		Limitation	10			mg/kg	GC-MS // Headspace	
Cyclohexanone	108-94-1		Limitation	10			mg/kg		Exceptions: Specific limits are defined for articles produced by lamination and fiber manufacturing - A/B/C = 50 mg/kg or by solvent coating, A/B/C = 50/50/250 mg/kg.
1,3-Dichloro-2-propanol	96-23-1		Usage ban	1.0			mg/kg		
3,5-Dimethylpyrazole	67-51-6		Limitation	50	200	200	mg/kg	GC-MS // Extraction with Methanol	Articles need to comply latest 01 July 2025.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Dimethyl sulfate	77-78-1		Usage ban	1.0			mg/kg	GC-MS // Headspace	
2,4-Dinitrotoluene	121-14-2		Usage ban	10			mg/kg	GC-MS // Extraction with Toluene	
1,4-Dioxane	123-91-1		Usage ban	10			mg/kg	GC-MS // Headspace	
Ethylbenzene	100-41-4		Limitation	500	500	1000	mg/kg		
Ethyleneimine	151-56-4		Usage ban	1.0			mg/kg		
2-Ethylhexanol	104-76-7		Limitation	50	200	500	mg/kg		
Formaldehyde oligomeric reaction product with aniline	25214-70-4		Usage ban	20			mg/kg	LC-MS // Indirect testing via Diaminodiphenylmethane	
Formamide	75-12-7	Textiles	Usage ban	50	50	200	mg/kg	EN 17131 (2019)	
		Down/feather Leather Polymer parts Metal parts	Usage ban	50	50	200	mg/kg	ISO 16189 (2021)	
Formic acid	64-18-6	All	Limitation	10	10	100	mg/kg	LC-MS // Extraction with Methanol	
Hydrofluoric acid	7664-39-3		Limitation	1.0			mg/kg	GC-MS // Extraction with Water and measurement of Fluorine IC // Extraction with Water and measurement of Fluoride	
4-Hydroxy-4-methylpentane-2-one	123-42-2		Limitation	20	100	100	mg/kg	GC-MS // Headspace	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Isoquinoline	119-65-3		Usage ban	50			mg/kg	LC-MS/MS // Extraction with Methanol LC-DAD // Extraction with Tetrahydrofuran LC-MS/MS // Extraction with Tetrahydrofuran LC-DAD // Extraction with Methanol	
Methanol	67-56-1		Limitation	200	1000	1000	mg/kg	GC-MS // Headspace	
2-Methylaziridine	75-55-8		Usage ban	1.0			mg/kg		
N-Cyclohexyl-2-pyrrolidone	6837-24-7		Limitation	20	200	200	mg/kg	GC-MS // Extraction with Methanol	
Phenol	108-95-2		Limitation	20	50	100	mg/kg	GC-MS // Extraction with Methanol LC-MS // Extraction with Methanol	
4-Phenylcyclohexene	4994-16-5		Limitation	10	10	50	mg/kg	GC-MS // Extraction with Methanol GC-MS // Headspace	
2-Phenyl-2-propanol	617-94-7		Limitation	10	50	50	mg/kg	GC-MS // Extraction with Methanol	
Potassium bromate	7758-01-2		Usage ban	10			mg/kg	IC // Extraction with Potassium carbonate solution	
Sodium bromate	7789-38-0		Usage ban	10			mg/kg		
Quinoline	91-22-5		Usage ban	50			mg/kg	LC-MS/MS // Extraction with Methanol LC-DAD // Extraction with Tetrahydrofuran LC-MS/MS // Extraction with Tetrahydrofuran LC-DAD // Extraction with Methanol	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Sodium borohydride	16940-66-2		Usage ban		100		mg/kg	ICP-MS // Indirect testing via Boron (DL for Boron 10 mg/kg) ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg)	
Thiourea	62-56-6		Usage ban		5		mg/kg	LC-MS // Extraction with Methanol	
Tri-iso-butyl phosphate	126-71-6		Limitation	10	50	50	mg/kg	GC-MS // Extraction following IEC 62321-6 (2015)	
Tri-n-butyl phosphate	126-73-8		Limitation	10	50	50	mg/kg		
4-Vinylcyclohexene	100-40-3		Limitation		1.0		mg/kg	GC-MS // Headspace	
Alkylnaphthalenes: all derivatives	Several		Usage ban		1.0		mg/kg	GC-MS // Extraction following DIN EN 62321-6 (2016)	
Boric acid and derivatives	Several		Usage ban				mg/kg	ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg) ICP-MS // Indirect testing via Boron (DL for Boron 10 mg/kg)	Limit: 100 mg/kg for every allocated substance or group
Barium diboron tetraoxide	13701-59-2		Usage ban		100		mg/kg		
Borate, zinc salt	1332-07-6		Usage ban		100		mg/kg		
Boron zinc oxide	12767-90-7		Usage ban		100		mg/kg		
Boric acid	10043-35-3 11113-50-1		Usage ban		100		mg/kg		
Diboron trioxide	1303-86-2		Usage ban		100		mg/kg		
Tetraboron disodium heptaoxide, hydrate	12267-73-1		Usage ban		100		mg/kg		
Disodium tetraborate	Several		Usage ban		100		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Disodium tetraborate, decahydrate	1303-96-4								
Disodium tetraborate, anhydrous	1330-43-4								
Disodium tetraborate, pentahydrate	12179-04-3								
Disodium octaborate	Several	All	Usage ban		100		mg/kg	ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg) ICP-MS // Indirect testing via Boron (DL for Boron 10 mg/kg)	
Disodium octaborate, anhydrous	12008-41-2								
Disodium octaborate, tetrahydrate	12280-03-4								
Orthoboric acid sodium salt	*13840-56-7 1333-73-9 25747-83-5*	All	Usage ban		100		mg/kg	ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg) ICP-MS // Indirect testing via Boron (DL for Boron 10 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		100		mg/kg	ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg) ICP-MS // Indirect testing via Boron (DL for Boron 10 mg/kg)	For every allocated Member/Substance.
Perboric acid (HBO(O2)), sodium salt, monohydrate	10332-33-9								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Perboric acid, sodium salt, monohydrate	12040-72-1								
Perboric acid, sodium salt, tetrahydrate	37244-98-7								
Sodium perborate derivatives	Several	All	Usage ban		100		mg/kg	ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg) ICP-MS // Indirect testing via Boron (DL for Boron 10 mg/kg)	
Sodium perborate	15120-21-5								
Sodium perborate, anhydrous	7632-04-4								
Cresol, all isomers	***1319-77-3***	All	Usage ban					BVL B 82.02-8 (2001) // Extraction with Potassium hydroxide DIN EN ISO 17070 (2015) // Extraction with Potassium hydroxide	Usage ban 10 mg/kg for each isomer
o-Cresol	95-48-7		Usage ban		10		mg/kg		
m-Cresol	108-39-4		Usage ban		10		mg/kg		
p-Cresol	106-44-5		Usage ban		10		mg/kg		
Hydrazine, its salts and hydrates	Several		Usage ban		1.0		mg/kg	GC-MS // Extraction with Tetrahydrofuran/Acetone	
Hydrazine	302-01-2								
Hydrazine hydrates	7803-57-8								
Hydrazine sulfate	10034-93-2								
Mercaptobenzothiazole and its salts	Several	All	Limitation	5.0	200	200	mg/kg	LC-MS // DIN EN ISO 105-E04 (2013) (acidic sweat solution)	Limitation also valid for natural and synthetic rubber

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Mercaptobenzothiazole	149-30-4								
Nitropropane derivatives	Several	All	Limitation					GC-MS // Headspace	Limitation for 1-Nitropropane Usage ban for 2-Nitropropane see also default limits for specific substances
1-Nitropropane	108-03-2		Limitation		1.0		mg/kg		
2-Nitropropane	79-46-9		Usage ban		1.0		mg/kg		
Siloxanes	Several		Usage ban					GC // With reference to TEGEWA method (2021)	Usage ban for every allocated Member/Substance
D4-Siloxane (Octamethylcyclotetrasiloxane)	556-67-2		Usage ban		30		mg/kg		
D5-Siloxane (Decamethylcyclopentasiloxane)	541-02-6		Usage ban		200		mg/kg		
D6-Siloxane (Dodecamethylcyclohexasiloxane)	540-97-6		Usage ban		200		mg/kg		
Terpene hydrocarbons	Several		Usage ban					GC-MS // Headspace	Usage ban 10 mg/kg for every allocated Member/Substance
D-Limonene	5989-27-5		Usage ban		10		mg/kg		
DL-Limonene	138-86-3		Usage ban		10		mg/kg		
L-Limonene	5989-54-8		Usage ban		10		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Ozone Depleting Substances (according to Regulation (EC) No 1005/2009)									
Ozone Depleting Substances (according to Regulation (EC) No 1005/2009)	Several	All	Usage ban					GC-MS // Headspace	Usage ban for direct use in manufacturing of articles // 0.1 mg/kg for every allocated Member/Substance
Ozone depleting substances (CFCs) class I	Several		Usage ban						Usage ban for direct use in manufacturing of articles // 0.1 mg/kg for every allocated Member/Substance Single substances listed in Annex
Ozone depleting substances (CFCs) class II	Several		Usage ban						

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Pesticides									
Pesticides	Several	All	Limitation		0.5		mg/kg	GC-MS // ASE with Acetone/Hexane LC-MS // ASE with Acetone/Hexane GC-MS // Soxhlet Extraction with Acetone/Hexane LC-MS // Soxhlet Extraction with Acetone/Hexane	Applies to total sum of all allocated members/substances. Single substances listed in Annex.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	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 07359 (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 5.6. Articles need to comply latest 01 January 2025.
Perfluoroisobutylene	382-21-8	Leather	Usage ban		0.1		mg/kg	EN ISO 23702-1 (2023)	
		Textiles Down/feather Polymer parts Metal parts	Usage ban		0.1		mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
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		Leather	Usage ban		100		µg/kg	EN ISO 23702-1 (2023)	
		Textiles Down/feather Polymer parts Metal parts	Usage ban		100		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorobutane sulfonic acid and its derivatives	Several								
Perfluorobutane sulfonic acid and its salts	Several	Leather	Usage ban		1.0		mg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		1.0		mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorobutane sulfonic acid	375-73-5								
Perfluorobutane sulfonates	45187-15-3								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)									
Perfluorobutane sulfon amides	*30334-69-1*	Leather	Usage ban		50		mg/kg	EN ISO 23702-1 (2023)	
		Textiles Down/feather Polymer parts Metal parts	Usage ban		50		mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorobutane sulfon amido ethanols	Several	Leather	Usage ban		15		mg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		15		mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorobutane sulfon amidoethyl (meth)acrylates	Several	Leather	Usage ban		15		mg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		15		mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorobutane sulfon halides	Several	Leather	Usage ban		15		mg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		15		mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorobutane sulfon polymers	Several	Leather	Usage ban		15		mg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		15		mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)									
Perfluorohexane sulfonic acid and its derivatives	Several	All	Usage ban						Single substances listed in Annex.
Perfluorohexane sulfonic acid and its salts	Several	Leather	Usage ban		20		µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorohexane sulfon amides	Several		Usage ban		20		µg/kg		
	Several	Leather	Usage ban		20		µg/kg	EN ISO 23702-1 (2023)	
Perfluorohexane sulfon amide	41997-13-1								
Perfluorohexane sulfon amidoethanols	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several	Leather	Usage ban		20		µg/kg	EN ISO 23702-1 (2023)	
Perfluorohexane sulfon amidoethyl (meth)acrylates	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several	Leather	Usage ban		20		µg/kg	EN ISO 23702-1 (2023)	
Perfluorohexane sulfon halides	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several	Leather	Usage ban		20		µg/kg	EN ISO 23702-1 (2023)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)									
Perfluorohexane sulfon polymers	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several	Leather	Usage ban	20			µg/kg	EN ISO 23702-1 (2023)	
Perfluorooctane sulfonic acid and its derivatives	Several	Leather	Usage ban	1.0			µg/m²	EN ISO 23702-1 (2023)	Single substances listed in Annex.
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	1.0			µg/m²	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorooctane sulfonic acid and its salts	Several								
Perfluorooctane sulfon amides	Several								
Perfluorooctane sulfon amidoethanols	Several								
Perfluorooctane sulfon amidoethyl (meth)acrylates	Several								
Perfluorooctane sulfon halides	Several								
Perfluorooctane sulfon polymers	Several								
Perfluoroalkyl sulfonic acid and its derivatives - F(CF2)n [n>8]	Several	All	Usage ban						Usage ban 20 µg/kg for every allocated group
Perfluoroalkyl sulfonic acid and its salts - F(CF2)n [n>8]	Several	Leather	Usage ban	20			µg/kg	EN ISO 23702-1 (2023)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)									
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluoroalkyl sulfon amides - F(CF2)n [n>8]	Several	Leather	Usage ban	20			µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluoroalkyl sulfon amidoethanols - F(CF2)n [n>8]	Several	Leather	Usage ban	20			µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluoroalkyl sulfon amidoethyl (meth)acrylates - F(CF2)n [n>8]	Several	Leather	Usage ban	20			µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluoroalkyl sulfon halides - F(CF2)n [n>8]	Several	Leather	Usage ban	20			µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluoroalkyl sulfon polymers - F(CF2)n [n>8]	Several	Leather	Usage ban	20			µg/kg	EN ISO 23702-1 (2023)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)									
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	20			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorobutanoic acid and its salts	Several	Leather	Usage ban	50			µg/kg	EN ISO 23702-1 (2023)	Usage ban Single substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	50			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorohexanoic acid and its salts	Several	Leather	Usage ban	25			µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	25			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluoroheptanoic acid and its salts	Several		Usage ban	50			µg/kg		
	Several	Leather	Usage ban	50			µg/kg	EN ISO 23702-1 (2023)	
Perfluorooctanoic acid and its salts	Several		Usage ban	25			µg/kg		Usage ban Single substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	25			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorocarboxylic acids (C9-C14) and its salts	Several	Leather	Usage ban	25			µg/kg	EN ISO 23702-1 (2023)	For sum of all allocated Members/Substances.
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	25			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)									
Perfluorobutanoic acid related substances	Several	Leather	Usage ban		1000		µg/kg	EN ISO 23702-1 (2023)	For sum of PFBA related substances.
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		1000		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorohexanoic acid related substances	Several	Leather	Usage ban		1000		µg/kg	EN ISO 23702-1 (2023)	Usage ban Single substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		1000		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorooctanoic acid related substances	Several	Leather	Usage ban		1000		µg/kg	EN ISO 23702-1 (2023)	For the sum of PFOA-related substances. Single substances listed in Annex.
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban		1000		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
Perfluorooctylethyl olefins	Several								
Perfluorooctylethene	21652-58-4								
Heptadecafluoro-1-iodooctane	507-63-1								
1H,1H,2H,2H-Perfluorodecyliodide	2043-53-0								
Pentadecafluorooctyl fluoride	335-66-0								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
PFAS (Poly- and perfluoroalkyl substances)									
Perfluorocarboxylic acid (C9-C14) related substances	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	260			µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several	Leather	Usage ban	260			µg/kg	EN ISO 23702-1 (2023)	
Perfluoroalkyl compounds, branched	Several								
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	Several	Leather	Usage ban	0.05			mg/kg	EN ISO 23702-1 (2023)	Single substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	0.05			mg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
Di-(2-ethylhexyl) adipate - (DEHA)	103-23-1	All	Monitoring					ISO 14389 (2014)	
Phthalic acid esters	Several	Textiles	Usage ban					CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	Usage ban 50 mg/kg for every allocated Member/Substance
	Several	Down/feather Leather Polymer parts Metal parts	Usage ban					CPSC-CH-C1001-09.4	
Bis-(2-methoxyethyl) phthalate - (DMEP)	117-82-8	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Butylbenzyl phthalate - (BBP)	85-68-7	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Dimethyl phthalate - (DMP)	131-11-3	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Diethyl phthalate - (DEP)	84-66-2	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-n-propyl phthalate - (DPRP)	131-16-8	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Dibutyl phthalate - (DBP)	84-74-2	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-iso-butyl phthalate - (DIBP)	84-69-5	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-n-pentyl phthalate - (DnPP)	131-18-0	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
Di-iso-pentyl phthalate - (DIPP)	605-50-5	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
n-Pentyl-isopentyl phthalate	776297-69-9	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-n-hexyl phthalate - (DnHP)	84-75-3	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-cyclohexyl phthalate - (DCHP)	84-61-7	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-iso-hexyl phthalate - (DIHxP)	71850-09-4	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-n-octyl phthalate - (DnOP)	117-84-0	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Di-iso-octyl phthalate - (DIOP)	27554-26-3	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Diethylhexyl phthalate - (DEHP)	117-81-7	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
Dinonyl phthalate - (DNP)	84-76-4	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich	*71888-89-6*	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters	*68515-40-2*	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters	*68515-42-4*	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	*84777-06-0*	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	*68515-50-4*	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
		Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	Several	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
	Several	Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
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	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	
	Several	Down/feather Leather Polymer parts Metal parts	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4	
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	Textiles	Usage ban		50		mg/kg	CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
	Several	Down/feather Leather Polymer parts Metal parts	Usage ban	50			mg/kg	CPSC-CH-C1001-09.4	
Di-iso-decyl phthalate [1]	26761-40-0								
Di-iso-decyl phthalate [2]	68515-49-1								
Phthalic acid and derivatives - others than esters	Several	All	Limitation					EN ISO 14389 (2014)	
Phthalic acid anhydride	85-44-9		Limitation	200	1000	1000	mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Polyaromatic hydrocarbons (PAHs)									
Polyaromatic hydrocarbons (PAHs)	Several	All	Usage ban	10			mg/kg	AfPS GS 2019	For sum of all allocated PAHs. Alternative test methods: EN17132 or ISO 16190.
Benzo(a)pyrene	50-32-8		Usage ban	0.2			mg/kg		
Benzo(e)pyrene	192-97-2		Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(a)anthracene	56-55-3		Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(b)fluoroanthene	205-99-2		Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(j)fluoroanthene	205-82-3		Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(k)fluoroanthene	207-08-9		Usage ban	0.5	1.0	1.0	mg/kg		
Chrysene	218-01-9		Usage ban	0.5	1.0	1.0	mg/kg		
Dibenzo(a,h)anthrene	53-70-3		Usage ban	0.5	1.0	1.0	mg/kg		
Dibenzo[def,p]chrysene	191-30-0								
Acenaphthene	83-32-9								
Acenaphthylene	208-96-8								
Anthracene	120-12-7								
Benzo[rst]pentaphene	189-55-9								
Benzo(ghi)perylene	191-24-2								
Cyclopenta[c,d]pyrene	27208-37-3								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Polyaromatic hydrocarbons (PAHs)									
Dibenzo[b,def]chrysene	189-64-0								
Fluoranthene	206-44-0								
Fluorene	86-73-7								
Indeno(1,2,3-cd) pyrene	193-39-5								
Naphthalene	91-20-3								
Naphtho[1,2,3,4-def]chrysene	192-65-4								
Phenanthrene	85-01-8								
Pyrene	129-00-0								
Methylpyrene, 1-	2381-21-7								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Polymers									
Polyvinyl chloride	9002-86-2	All	Usage ban					Total chlorine (EN 14582) // FTIR (when chlorine detected)	Usage ban for usage range A and B - Not detected // for usage range C: for special applications bluesign technologies has the right to make an individual decision.
Polyvinyliden chloride	9002-85-1		Usage ban						

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Solvents									
Acetone	67-64-1	All	Limitation	10	10	100	mg/kg	GC-MS // Headspace	
Benzene	71-43-2		Usage ban	5.0			mg/kg	VDA 278 (2011)	
Carbon disulfide	75-15-0		Limitation	5.0	10	10	mg/kg	GC-MS // Headspace	
Cyclohexane	110-82-7		Limitation	10			mg/kg		
1,2-Dichloroethane	107-06-2		Usage ban	1.0			mg/kg		
Dichloromethane	75-09-2		Usage ban	5.0			mg/kg		Exception is valid for chemicals used in paint stripping process in closed systems
Dimethyl sulfoxide - (DMSO)	67-68-5		Limitation	500	1000	1000	mg/kg	GC-MS // Extraction with Methanol	
N,N-Dimethylacetamide - (DMAc)	127-19-5	Down/feather Polymer parts Metal parts	Usage ban	5.0			mg/kg	ISO 16189 (2021)	
		Leather	Usage ban	5.0			mg/kg	EN ISO 19070 (2016)	
		Textiles	Usage ban	5.0			mg/kg	EN 17131 (2019)	Exceptions defined: Articles produced by solvent coating, lamination or fiber manufacturing - A/B/C 50 mg/kg. As residual fiber solvent in elastane and PAN fibers with Monitoring status - A: 10 mg/kg, B/C: 50 mg/kg. Aramid fibers: For special applications bluesign technologies has the right to make an individual decision.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Solvents									
N,N-Dimethylformamide - (DMF)	68-12-2	Down/feather Polymer parts Metal parts	Usage ban	5.0			mg/kg	ISO 16189 (2021)	
		Leather	Usage ban	5.0			mg/kg	EN ISO 19070 (2016)	
		Textiles	Usage ban	5.0			mg/kg	EN 17131 (2019)	Exceptions: Specific limits are defined for articles produced by lamination and fiber manufacturing - A/B/C = 50 mg/kg or by solvent coating, A/B/C = 50/50/250 mg/kg. PAN fibers: For special applications Bluesign has the right to make individual decisions.
Hexachlorobutadiene	87-68-3	All	Usage ban	10			mg/kg	GC-MS // Extraction with Dichloromethane	
n-Hexane	110-54-3		Limitation	10	50	50	mg/kg	GC-MS // Headspace	
n-Pentane	109-66-0		Limitation	10	50	50	mg/kg		
2-Pyrrolidone	616-45-5	Textiles	Usage ban	50	100	100	mg/kg	EN 17131 (2019)	
		Leather	Usage ban	50	100	100	mg/kg	EN ISO 19070 (2016)	
		Down/feather Polymer parts Metal parts	Usage ban	50	100	100	mg/kg	ISO 16189 (2021)	
N-Ethyl-2-pyrrolidone - (NEP)	2687-91-4	Textiles	Usage ban	10	10	100	mg/kg	EN 17131 (2019)	
		Leather	Usage ban	10	10	100	mg/kg	EN ISO 19070 (2016)	
		Down/feather Polymer parts Metal parts	Usage ban	10	10	100	mg/kg	ISO 16189 (2021)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Solvents									
N-Methylpyrrolidone - (NMP)	872-50-4	Textiles	Usage ban	10	10	100	mg/kg	EN 17131 (2019)	Exception is valid for Aramid fibers: for special applications bluesign technologies has the right to make an individual decision
		Leather	Usage ban	10	10	100	mg/kg	EN ISO 19070 (2016)	
		Down/feather Polymer parts Metal parts	Usage ban	10	10	100	mg/kg	ISO 16189 (2021)	
Tetrachloroethylene	127-18-4	All	Usage ban	1.0			mg/kg	GC-MS // Headspace	Exception is valid for articles produced by dry cleaning process. Limit when used as solvent in dry cleaning: 10 mg/kg.
Tetrahydrofuran	109-99-9		Limitation	100			mg/kg		
Toluene	108-88-3		Usage ban	10	50	50	mg/kg		Exception valid for solvent coating, laminating and painting/lacquering.
Trichloroethylene	79-01-6		Usage ban	5.0			mg/kg		
Trichloromethane	67-66-3		Usage ban	5.0			mg/kg		
1,2,3-Trichloropropane	96-18-4		Usage ban	5.0			mg/kg		
Chlorinated ethanes, all isomers	Several		Usage ban						Usage ban 1.0 mg/kg for each isomer
1,1,1-Trichloroethane	71-55-6		Usage ban	1.0			mg/kg		is an Ozone Depleting Substance
1,1,2-Trichloroethane	79-00-5		Usage ban	1.0			mg/kg		
1,1,1,2-Tetrachloroethane	630-20-6		Usage ban	1.0			mg/kg		
1,1,2,2-Tetrachloroethane	79-34-5		Usage ban	1.0			mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Solvents									
Pentachloroethane	76-01-7		Usage ban	1.0			mg/kg		
Hexachloroethane	67-72-1		Usage ban	1.0			mg/kg		
Trimethylbenzenes, all isomers	***25551-13-7***		Limitation						
1,2,3-Trimethylbenzene	526-73-8		Limitation	50	100	100	mg/kg		
1,2,4-Trimethylbenzene	95-63-6		Limitation	50	100	100	mg/kg		
1,3,5-Trimethylbenzene	108-67-8		Limitation	50	100	100	mg/kg		
Xylene, all isomers	***1330-20-7***		Usage ban	50	100	100	mg/kg		For sum of all isomers. Usage ban not valid for solvent coating, laminating and painting/lacquering. Limits valid for all articles.
m-Xylene	108-38-3								
o-Xylene	95-47-6								
p-Xylene	106-42-3								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Tin-organic Compounds									
Methyltin compounds	Several								
Monomethyltin compounds - (MMT)	Several	All	Usage ban		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
Dimethyltin compounds - (DMT)	Several		Usage ban		0.5		mg/kg		
Trimethyltin compounds - (TMT)	Several		Usage ban		0.5		mg/kg		
Ethyltin compounds	Several								
Tetraethyltin compounds - (TeET)	Several	All	Usage ban		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
Propyltin compounds	Several								
Dipropyltin compounds - (DPT)	Several	All	Usage ban		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
Tripropyltin compounds - (TPT)	Several		Usage ban		0.5		mg/kg		
Butyltin compounds	Several								
Monobutyltin compounds - (MBT)	Several	All	Usage ban		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
Dibutyltin compounds - (DBT)	Several		Usage ban		1.0		mg/kg		
Tributyltin compounds - (TBT)	Several		Usage ban		0.5		mg/kg		
Tetrabutyltin compounds - (TeBT)	Several		Usage ban		0.5		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Tin-organic Compounds									
Hexyltin compounds	Several								
Tricyclohexyltin compounds - (TCyHT)	Several	All	Usage ban		0.5		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
Octyltin compounds	Several								
Monooctyltin compounds - (MOT)	Several	All	Usage ban		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
Dioctyltin compounds - (DOT)	Several		Usage ban		1.0		mg/kg		
Trioctyltin compounds - (TOT)	Several		Usage ban		0.5		mg/kg		
Tetraoctyltin compounds - (TeOT)	Several		Usage ban		0.5		mg/kg		
Phenyltin compounds	Several								
Monophenyltin compounds - (MPhT)	Several	All	Usage ban		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
Diphenyltin compounds - (DPhT)	Several		Usage ban		1.0		mg/kg		
Triphenyltin compounds - (TPhT)	Several		Usage ban		0.5		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
UV stabilizers									
UV-320	3846-71-7	All	Usage ban		1000		mg/kg	ISO 24040 // Extraction with Tetrahydrofuran // GC-MS	
UV-326	3896-11-5		Usage ban		1000		mg/kg		Articles need to comply latest 01 July 2026.
UV-327	3864-99-1		Usage ban		1000		mg/kg		
UV-328	25973-55-1		Usage ban		1000		mg/kg		
UV-329	3147-75-9		Usage ban		1000		mg/kg		Articles need to comply latest 01 July 2026.
UV-350	36437-37-3		Usage ban		1000		mg/kg		

6 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
- Fibers (Asbestos)
- Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes
- Metals
- Ozone Depleting Substances (according to Regulation (EC) No 1005/2009)
- Pesticides
- PFAS (Poly- and perfluoroalkyl substances)
- Tin-Organic Compounds

Limit values and test methods for the substance groups are provided in section 5.7.

Chemical Name	CAS Number
Alkylphenolethoxylates (APEOs)	
Nonylphenol ethoxylates (NPEO)	Several
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
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
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

Chemical Name	CAS Number
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
4-Heptylphenol	1987-50-4
Phenol, heptyl derivates	72624-02-3
Octylphenol (OP), mixed isomers	Several
Octylphenol	27193-28-8

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
	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
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

Chemical Name	CAS Number
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
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
2,6-Xylidine	87-62-7
Chemical Name	**CAS Number**
Chlorinated Benzenes and Toluenes	
Chlorinated Benzenes	Several
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
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	

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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**
Fibers	
Asbestos	Several
Actinolite	77536-66-4
Amosite	12172-73-5
Anthophyllite	77536-67-5
Chrysotile	12001-29-5 132207-32-0
Crocidolite	12001-28-4
Tremolite	77536-68-6
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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	
Antimony, its salts and compounds	Several
Antimony	7440-36-0
Arsenic, its salts and compounds	Several
Arsenic	7440-38-2
Arsenic acid	7778-39-4
Calcium arsenate	7778-44-1
Triethyl arsenate	15606-95-8
Diarsenic pentaoxide	1303-28-2
Diarsenic trioxide	1327-53-3
Barium, its salts and compounds	Several

Chemical Name	CAS Number
Barium	7440-39-3
Cadmium, its salts and compounds	Several
Cadmium	7440-43-9
Cadmium fluoride	7790-79-6
Cadmium sulphate	10124-36-4 31119-53-6
Cadmium nitrate	10325-94-7
Cadmium hydroxide	21041-95-2
Cadmium carbonate	513-78-0
Cadmium chloride	10108-64-2
Cadmium sulphide	1306-23-6
Cadmium oxide	1306-19-0
Chromium, its salts and compounds - except Chromium VI, its salts and compounds	Several
Chromium	7440-47-3
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

Chemical Name	CAS Number
Strontium chromate	7789-06-2
Acids generated from chromium trioxide and their oligomers	Several
Dichromic acid	13530-68-2
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
Cobalt, its salts and compounds	Several
Cobalt	7440-48-4
Cobalt(II) carbonate	513-79-1
Cobalt(II) diacetate	71-48-7
Cobalt(II) dinitrate	10141-05-6 10026-22-9
Cobalt(II) sulphate	10026-24-1 10124-43-3
Cobalt dichloride	7646-79-9
Copper, its salts and compounds	Several
Copper	7440-50-8
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

Chemical Name	CAS Number
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
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
Nickel, its salts and compounds	Several
Nickel	7440-02-0
Selenium, its salts and compounds	Several
Selenium	7782-49-2
Silver, its salts and compounds	Several
Silver	7440-22-4

Chemical Name	CAS Number
Ozone Depleting Substances (according to Regulation (EC) No 1005/2009)	
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
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

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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)	
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

Chemical Name	CAS Number
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
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)	

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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**
Pesticides	
Alachlor	15972-60-8
Aldicarb	116-06-3
Aldrin	309-00-2
Atrazine	1912-24-9
Azinphos methyl	86-50-0
Azinphos-ethyl	2642-71-9
Binapacryl	485-31-4
Bromophos-ethyl	4824-78-6
Captafol	2425-06-1
Carbaryl	63-25-2
Carbendazim	10605-21-7
Chlordane	57-74-9

Chemical Name	CAS Number
Chlordecone	143-50-0
Chlordimeform	6164-98-3
Chlorfenvinphos	470-90-6
Chlorobenzilate	510-15-6
Chlorpyrifos	2921-88-2
Chlorothalonil	1897-45-6
Clothianidin	210880-92-5
Coumaphos	56-72-4
Cyfluthrin	68359-37-5 1820573-27-0
Cyhalothrin, lambda	91465-08-6
Cypermethrin	52315-07-8
Deltamethrin	52918-63-5
Demeton-S-methyl (ISO)	919-86-8
Diazinon	333-41-5
1,2-Dibromo-3-chloropropane	96-12-8
Dichlofenthion	97-17-6
Dichlofluanide	1085-98-9
o,p'-Dichlorodiphenyl-dichloroethane	53-19-0
p,p'-Dichlorodiphenyldichloroethane	72-54-8
o,p'-Dichlorodiphenyl-dichloroethylene	3424-82-6
p,p'-Dichlorodiphenyl-dichloroethylene	72-55-9
o,p'-Dichlorodiphenyl-trichloroethane and its isomers - preparations containing DDT and its isomers	789-02-6
p,p'-Dichlorodiphenyl-trichloroethane and its isomers - preparations containing DDT and its isomers	50-29-3

Chemical Name	CAS Number
4,6-Dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoro-methyl-benzimidazole	63405-99-2
Dichlorprop	120-36-5
Dichlorvos	62-73-7
Dicofol	115-32-2
Dicrotophos	141-66-2
Dicyclanil	112636-83-6
Dieldrin	60-57-1
Diflubenzuron	35367-38-5
Dimethoate	60-51-5
Dinotefuran	165252-70-0
Dinoterb	1420-07-1
Disulfoton	298-04-4
Diuron	330-54-1
DNOC	534-52-1
Endosulfan	115-29-7
Endosulfan, alpha	959-98-8
Endosulfan, beta	33213-65-9
Endrin	72-20-8
Esfenvalerate	66230-04-4
Ethion	563-12-2
Ethyl parathion	56-38-2
Ethylene dibromide	106-93-4
Fenchlorphos	299-84-3
Fenitrothion	122-14-5
Fenvalerate	51630-58-1

Chemical Name	CAS Number
Flumethrin	69770-45-2
Heptachlor	76-44-8
Heptachlor epoxide	1024-57-3
Imidacloprid (ISO)	105827-78-9 138261-41-3
Isodrin	465-73-6
Isoproturon	34123-59-6
Kelevan	4234-79-1
Linuron	330-55-2
Malathion	121-75-5
MCPA	94-74-6
MCPB	94-81-5
Mecoprop	93-65-2
Methamidophos	10265-92-6
Methoxychlor	72-43-5
Methyl parathion	298-00-0
Mevinophos	7786-34-7
Mirex	2385-85-5
Monocrotophos	6923-22-4
Monolinuron	1746-81-2
Omethoate	1113-02-6
Oxydemeton-methyl	301-12-2
Paraquat dication	4685-14-7
Paraquat dichloride	1910-42-5
Pentachloroanisole	1825-21-4

Chemical Name	CAS Number
Perthane	72-56-0
Phosphamidon	13171-21-6
Phoxim	14816-18-3
Pirimiphos-methyl	29232-93-7
Profenophos	41198-08-7
Propanil	709-98-8
Propetamphos	31218-83-4
Pyrazon	1698-60-8
Quinalphos	13593-03-8
Quintozene	82-68-8
Simazine	122-34-9
Strobane	8001-50-1
Telodrin	297-78-9
Thiacloprid	111988-49-9
Timiperone	57648-21-2
Thiamethoxam	153719-23-4
Tolylfluanid	731-27-1
Toxaphene	8001-35-2
Tribufos (DEF)	78-48-8
Trichlorfon	52-68-6
Triflumuron	64628-44-0
Trifluralin - containing < 0.5 ppm NPDA	1582-09-8
Vinclozolin	50471-44-8
Acetamipirid, its salts, esters and compounds	Several
Acetamipirid (ISO)	135410-20-7
Acetamipirid [2]	160430-64-8
2,4-Dichlorophenoxyacetic acid, its salts, esters and compounds	Several
2,4-Dichlorophenoxy acetic acid	94-75-7
Dinoseb, its salts, esters and acetate	Several
Dinoseb	88-85-7
Hexachlorocyclohexane, all isomers	608-73-1
Lindane (ISO)	58-89-9
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.beta.,4.alpha.,5.beta.,6.beta.)-	319-84-6
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.beta.,3.alpha.,4.beta.,5.alpha.,6.beta.)-	319-85-7
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.alpha.,4.beta.,5.alpha.,6.beta.)-	319-86-8
Nitenpyram, its salts, esters and compounds	Several
Nitenpyram [1]	150824-47-8
Nitenpyram [2]	120738-89-8
2,4,5-Trichlorophenoxyacetic acid, its salts, esters and compounds	Several
2,4,5-Trichlorophenoxy acetic acid	93-76-5
2-(2,4,5-Trichlorophenoxy)propionic acid, its salts, esters and compounds	Several
2-(2,4,5-Trichlorophenoxy) propionic acid	93-72-1
Chemical Name	**CAS Number**
PFAS (Poly- and perfluoroalkyl substances)	
Perfluorohexane sulfonic acid and its derivatives	Several
Perfluorohexane sulfonic acid and its salts	Several

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Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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
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-	1462414-59-0

Chemical Name	CAS Number
tridecafluoro-1-hexanesulfonate (1:1)	
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
Tridecafluoro-N-methylhexanesulphonamide	68259-15-4
Perfluorohexane sulfon halides	Several
Perfluorohexanesulphonyl fluoride	423-50-7
Perfluorooctane sulfonic acid and its derivatives	Several
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
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
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
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

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Chemical Name	CAS Number
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
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
Perfluorohexylethyl alcohols	Several
6:2 Fluorotelomer alcohols (6:2 FTOH)	647-42-7
Perfluorohexylethyl olefins	Several

Chemical Name	CAS Number
Perfluorohexylethene	25291-17-2
Perfluorohexylethyl halides	Several
Perfluorohexylethyl acrylates or methacrylates	Several
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 halides	Several
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

Chemical Name	CAS Number
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
2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionyl fluoride	2062-98-8
Chemical Name	**CAS Number**
Tin-organic Compounds	
Butyltin compounds	Several
Monobutyltin compounds - (MBT)	Several
Monobutyltin tris(ethylhexanoate)	23850-94-4
Dibutyltin compounds - (DBT)	Several
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
Octyltin compounds	Several
Dioctyltin compounds - (DOT)	Several
Dioctyltin dilaurate	3648-18-8
Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4