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bluesign Restricted Substances List (RSL)

bluesign

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1 Introduction

Product stewardship in relation to consumer safety is particularly challenging within complex supply chains. While supplier compliance declarations confirming adherence to a brand's Restricted Substances List (RSL) provide a valuable foundation, they must be complemented by additional measures. Priority should be given to ensuring the safety of inputs at the manufacturing stage. When the safety of manufacturing inputs (e.g. chemicals) cannot be verified, article testing becomes essential to validate the reliability of supplier declarations.
The BSSL (bluesign System Substances List) defines consumer safety limits for chemical substances in finished articles. Due to the extensive number and variety of listed substances and substance groups, ensuring compliance only through article testing or supplier declarations alone (as in the conventional RSL approach) is not feasible.

To address this, the bluesign System incorporates upstream elements of the supply chain, including chemical suppliers. Effective input stream management, supported by a network of bluesign Sytem Partner companies, provides the necessary transparency regarding usage of safe chemicals and ensures that substance restrictions and bans are upheld in final products.
Chemical products that are bluesign Approved and listed in the bluesign Finder are evaluated to ensure that, when used according to the manufacturer's technical instructions, they contribute to finished articles that meet BSSL limits. For products where the safety of inputs is uncertain, a customized testing strategy should be implemented.

The RSL provided is a subset of the BSSL and outlines consumer safety limits and recommended testing methods for most important restricted substances – including the legally regulated - in consumer products such as apparel and footwear. Brands and retailers may adopt this RSL (or the full BSSL) to guide procurement terms and ensure product safety. When paired with a testing matrix, the RSL also serves as a practical framework for testing materials and components in consumer products like apparel and footwear.

The RSL is updated annually in alignment with the BSSL and is designed to encompass the AFIRM RSL, ensuring broad industry relevance and compliance.

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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

A product placed on the market by manufacturers and converters, which is composed of one or more materials given a specific shape, surface or design. Examples: Fabrics, zippers, thread, membrane, buttons.

2.3 BSBL

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

2.4 BSSL

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

2.5 CAS Number

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

2.6 Chemical Substance

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

2.7 Component

A part of a consumer product that can be distinguished according to the material composition, the functionality and/or the color and is easily mechanically separated from the other components. Typically, each article of a bill of materials is considered to be a component. Chemical products (e.g. glues) are not to be counted as components.

2.8 Limit Value

The maximum amount of chemical substances permitted in articles for the usage ranges A, B and C within the bluesign System. Notwithstanding that these limit values are carefully derived using scientific methods and reliable available data, there is no warranty, express or implied, as to the completeness, correctness or utility of those limit values. Additional and/or stricter legal and regulatory requirements may apply.

2.9 Detection Limit (DL)

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

2.10 Quantification Limit (QL)

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

2 Definitions and Abbreviations

2.11 Limitation

For several substances or substance groups, a limitation is defined. For these substances or substance groups a usage ban is not given (i.e. substances are allowed to be used) but consumer safety limits need to be kept.

2.12 Member

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

2.13 Mixture

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

2.14 Monitoring

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

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

The applied Sectors of Use are shown in the following table:

Sector of Use Group	Sector of Use
Textile	Fibers / yarns
	Textile articles including fabrics, laminates and non-woven 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

2.15 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.

2.16 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 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 Definitions and Abbreviations

2.17 Substance Groups

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

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

2.18 Usage Ban

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

2.19 Usage 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: Baby articles (0 to 3 years), Skin contact where strong sweating is expected
- Usage Range B: Skin contact without strong sweating
- 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 indicated 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 Acetic anhydride
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 for different sectors of use (like textile and leather, see also chapter 2.15) that are relevant to different consumer product groups (e.g. apparel and footwear).

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

This document comes into effect on 1st of July 2025. It replaces the bluesign Restricted Substances List (RSL), version 15.0 from 1st of July 2024.
This document is revised annually in line with the latest legislation and research. It is supported by stakeholder comments from industry experts including representatives from bluesign System Partners. For all bluesign System Partner companies, the implementation of the revised sections, unless stated otherwise, shall be effective by 1st July 2027 at the latest. Articles certified after the revision date of this version of the RSL shall adhere to the stated limits.

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.

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. Sometimes reference is made to details listed in the BSSL.

If a substance belongs to a restricted substance group, the group restriction applies even if its specific CAS number is not listed (e.g., a PFAS substance that falls under a listed group but is not explicitly named in the Annex).

5.1 pH-Value

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).
Test method: ISO 3071 (2020) (non-leather products), ISO 4045 (2018) (leather products).

5 Consumer Safety Limits

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 pose a 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 requirements 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 (2023). 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 (2023).

5.6 Articles from recyled material

Textile recycling is an important factor for sustainability, but often a black box regarding the presence of (restricted) chemical substances in recycled materials, especially if sourced from postconsumer waste.
Due to the well-known challenges in the recycled material sector, bluesign reserves the right to accept in exceptional cases higher limits than given in this document under the precondition of legal compliance, sufficient 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 dyestuffs with a CF3 group that formally falls under the PFAS definition was subject to fast-track phase out. By 1st of July 2024 affected chemical products were removed from the bluesign Finder.
- By January 2025 all bluesign Approved articles that were treated with PFAS containing chemicals were being removed from the bluesign Guide.
- Exceptions might be possible, for more details see last version of the 'Guidance Sheet PFAS phase out'.

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

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

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

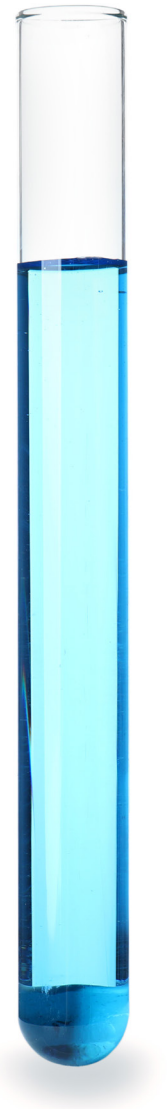
Any substance that contains at least one fully fluorinated methyl (CF3-) or methylene (-CF2-) carbon atom (without any H/Cl/Br/I attached to it).

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

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

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

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



6 Restricted substance

6.1 Restricted substances

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Aldehydes									
Formaldehyde	50-00-0	Textiles Down/feather Polymer parts Metal parts	Limitation	15	75	300	mg/kg	ISO 14184-1 (2011)	
	50-00-0	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.

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 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	ISO 18218-1 (2023)	
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.
Octylphenol (OP), mixed isomers	Several	Textiles Leather	Usage ban		10		mg/kg	EN ISO 21084 (2019)	For sum of all allocated Members/Substances. Single Members/Substances listed in the 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	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Amines									
Anilines, its salts and compounds	Several								
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.
	62-53-3	Textiles Polymer parts	Usage ban		30		mg/kg	EN ISO 14362-1 (2017)	

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	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Biocides									
Dimethylfumarate	624-49-7	All	Usage ban	0.1			mg/kg	ISO 16186 (2021)	
Pyrithione zinc	13463-41-7	All	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.
o-Phenylphenol and its salts	Several	Textiles	Limitation	50			mg/kg	EN 17134-1	
	Several	Leather	Limitation	50	100	200	mg/kg	ISO 13365-1	

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	1.0	5.0	5.0	mg/kg	EN 17137 (2024)	Articles shall comply latest 01 July 2027. For sum of all allocated chlorinated benzenes and toluenes. Additional regulation for each allocated Member/Substance - Usage ban 1.0 mg/kg.

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	EN 17134-2:2023 EN ISO 17070 (Leather)	For sum of all allocated TriCPs.
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.
Pentachlorophenol, its salts, esters and compounds	Several	All	Usage ban	0.05	0.5	0.5	mg/kg		For sum of all allocated PCPs.
Mono- and Dichlorophenols	Several	All	Usage ban	1.0			mg/kg		For sum of all allocated Mono- and DiCPs.

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
Colorants with allergenic potential	Several	All	Usage ban						
Colorants banned for other reasons	Several	All	Usage ban						
Colorants which can cleave in carcinogenic amines	Several	All	Usage ban						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	All	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	All	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	All	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	All	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	All	Usage ban		5.0		mg/kg		
Tri(aziridin-1-yl) phosphine oxide - (TEPA)	545-55-1	All	Usage ban		5.0		mg/kg	EN ISO 17881-2 (2016)	
Bis(2,3-dibromopropyl) phosphate - (BDBPP)	5412-25-9	All	Usage ban		5.0		mg/kg		
Trimethyl phosphate	512-56-1	All	Usage ban		5.0		mg/kg		
Tri-o-cresyl phosphate	78-30-8	All	Usage ban		5.0		mg/kg		
Tris(methylphenyl) phosphate	1330-78-5	All	Usage ban		5.0		mg/kg		
Tris(2-chloroethyl) phosphate - (TCEP)	115-96-8	All	Usage ban		5.0		mg/kg	ISO 17881-2 (2016)	
Tris-(2-chloro-1-methylethyl) phosphate - (TCPP)	13674-84-5	All	Usage ban		5.0		mg/kg		
Tris-[2-chloro-1-(chloromethyl)ethyl] phosphate - (TDCP or TDCPP)	13674-87-8	All	Usage ban		5.0		mg/kg		
Tris(2,3-dibromopropyl) phosphate - (TRIS)	126-72-7	All	Usage ban		5.0		mg/kg		
Trixylyl phosphate - (TXP)	25155-23-1	All	Usage ban		5.0		mg/kg		
Antimony trioxide	1309-64-4	All	Limitation	260	260		mg/kg	DIN EN 16711-1 (2016) // Total content	Articles shall comply latest 01 July 2027. Antimony as content. Usage as flame retardant in usage range C only if proper risk assessment shows that the application is safe for humans.
Brominated alkyl alcohols	Several								
2,2-Bis(bromomethyl)-1,3-propanediol - (BBMP)	3296-90-0	All	Usage ban		5.0		mg/kg	EN ISO 17881-1 (2016)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Flame retardants									
2,3-Dibromopropan-1-ol - (2,3-DBPA)	96-13-9	All	Usage ban		5.0		mg/kg		
1-Propanol, 2,2-dimethyl-, tribromo deriv.	36483-57-5 1522-92-5	All	Usage ban		5.0		mg/kg		
Chlorinated paraffins, all chain lengths	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban						Usage ban 5.0 mg/kg for every allocated group.
	Several	Leather	Usage ban						Usage ban 100 mg/kg for every allocated group.
Paraffin, C10-C13, chlorinated - (SCCP)	85535-84-8	Textiles Down/feather Polymer parts Metal parts	Usage ban		5.0		mg/kg	ISO 22818 (2021)	
	85535-84-8	Leather	Usage ban		100		mg/kg	ISO 18219 (2021)	
Paraffin, C18-C28, chlorinated - (LCCP)	85535-86-0	Textiles Down/feather Polymer parts Metal parts	Usage ban		5.0		mg/kg	LC-MS	
	85535-86-0	Leather	Usage ban		100		mg/kg		
Paraffin wax, chlorinated	63449-39-8	Textiles Down/feather Polymer parts Metal parts	Usage ban		5.0		mg/kg		
	63449-39-8	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	ISO 22818 (2021)	
	85535-85-9	Leather	Usage ban		100		mg/kg	ISO 18219 (2021)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Flame retardants									
Hexabromocyclododecan, all isomers - group for all major diastereoisomers identified	Several	All	Usage ban	5.0			mg/kg	EN ISO 17881-1 (2016)	
Polybrominated diphenyl ethanes	Several								
Decabromodiphenylethane (DBDPE)	84852-53-9	All	Usage ban	5.0			mg/kg	EN ISO 17881-1 (2016)	
Polybrominated diphenyl ethers	Several	All	Usage ban						Usage ban 5.0 mg/kg for every allocated Member/Substance

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	
	111-96-6	Plastic article	Usage ban		5.0		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	
	110-80-5	Plastic article	Usage ban		5.0		mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
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	
	111-15-9	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	
	110-71-4	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	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Glycols									
	109-86-4	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	
	110-49-6	Plastic article	Usage ban	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
2-(2-Methoxyethoxy) ethanol	111-77-3	Plastic article	Limitation	1.0	10	100	mg/kg		
	111-77-3	Textiles Down/feather Leather Metal parts Rubber articles	Limitation	1.0	10	100	mg/kg	GC-MS // Extraction with Methanol	
2-Methoxy-1-propanol	1589-47-5	Textiles Down/feather Leather Metal parts Rubber articles	Usage ban	5.0			mg/kg		
	1589-47-5	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	
	70657-70-4	Plastic article	Usage ban	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol	
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	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Glycols									
	112-49-2	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
Greenhouse Gases, fluorinated									
Greenhouse Gases, fluorinated	Several	All	Usage ban				mg/kg	Sample preparation: Purge and trap — thermal desorption or SPME Measurement: GC/MS	Usage ban 0.1 mg/kg for every allocated Member/Substance. Greenhouse gases as defined in Regulation (EU) 2024/573. Single substances listed in Annex.

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.
Polychlorinated Biphenyls	1336-36-3	All	Usage ban		1.0		mg/kg	ISO/TR 17881-3 (2018)	
Polychlorinated Terphenyls	61788-33-8	All	Usage ban		1.0		mg/kg		
Polybrominated Terphenyls	Several	All	Usage ban		1.0		mg/kg	EN ISO 17881-1 (2016)	
Polychlorinated Naphthalenes	Several	All	Usage ban					ISO/TR 17881-3 (2018)	Usage ban 0.5 mg/kg for every allocated Member/Substance. Articles shall comply latest 01 July 2027.
Polybrominated Naphthalenes	Several	All	Usage ban		0.5		mg/kg		Articles shall comply latest 01 July 2027.

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

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

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	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.
	7440-36-0	Leather	Limitation	5	10	10	mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	
	7440-36-0	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.
	7440-36-0	Textiles	Limitation	5	10	10	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution	As extractable metal content.
Arsenic, its salts and compounds	Several								
Arsenic - as content	7440-38-2	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.
	7440-38-2	Leather	Usage ban	10			mg/kg	EN ISO 17072-2 (2019) // Total content	As total metal content . Single substances listed in the BSSL Annex.
	7440-38-2	Textiles Down/feather Polymer parts Metal parts	Usage ban	10			mg/kg	DIN EN 16711-1 (2016) // Total content	
	7440-38-2	Textiles Down/feather Polymer parts Metal parts	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.
Barium, its salts and compounds	Several								
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.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
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.
	7440-43-9	Leather	Usage ban		40		mg/kg	EN ISO 17072-2 (2019) // Total content	As total metal content. Single substances listed in the BSSL Annex.
	7440-43-9	Textiles Down/feather Polymer parts	Usage ban		40		mg/kg	DIN EN 16711-1 (2016) // Total content	
	7440-43-9	Metal parts	Usage ban		40		mg/kg		
	7440-43-9	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.
	7440-47-3	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.
	7440-47-3	Leather	Limitation		0.5		mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	Articles shall comply latest 01 July 2027. Chromium extractable leather limit applies only for the leather that is not tanned with chromium.
Chromium VI, its salts and compounds	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
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.
	18540-29-9	Metal parts	Usage ban	0.5			mg/kg	EN 62321-7-1 (2016)	As extractable metal content. Single substances listed in the BSSL Annex.
	18540-29-9	Textiles Down/feather Polymer parts	Usage ban	0.5			mg/kg	EN ISO 17075-2 (2017)	
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.
	7440-48-4	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.
	7440-48-4	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.
	7440-50-8	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.
	7439-92-1	Leather	Usage ban	40			mg/kg	EN ISO 17072-2 (2019) // Total content	
	7439-92-1	Leather	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.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
	7439-92-1	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.
	7439-92-1	Textiles Down/feather Polymer parts	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.
	7439-97-6	Leather	Usage ban	0.02			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	
	7439-97-6	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								
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.
	7440-02-0	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.
	7440-02-0	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.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Metals									
	7782-49-2	Leather	Limitation	500			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution	

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)	
Styrene	100-42-5	All	Limitation	10	10	100	mg/kg	GC-MS // Extraction with Methanol	
Vinyl chloride	75-01-4	All	Usage ban	0.1			mg/kg	ISO 6401 (2022)	
Vinylidene chloride	75-35-4	All	Limitation	10			mg/kg	EN 13130-6 (2004) // Headspace GC-ECD EN 13130-6 (2004) // Headspace GC-FID	

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	All	Usage ban		0.5		mg/kg		
N-Nitroso-di-ethylamine	55-18-5	All	Usage ban		0.5		mg/kg		
N-Nitroso-di-methylamine	62-75-9	All	Usage ban		0.5		mg/kg		
N-Nitroso-di-n-propylamine	621-64-7	All	Usage ban		0.5		mg/kg		
N-Nitroso-ethylphenylamine	612-64-6	All	Usage ban		0.5		mg/kg		
N-Nitroso-methylphenylamine	614-00-6	All	Usage ban		0.5		mg/kg		
N-Nitroso-morpholine	59-89-2	All	Usage ban		0.5		mg/kg		
N-Nitroso-piperidine	100-75-4	All	Usage ban		0.5		mg/kg		
N-Nitroso-pyrrolidine	930-55-2	All	Usage ban		0.5		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Acetophenone	98-86-2	All	Limitation	20			mg/kg	GC-MS // Extraction with Methanol	
Azodicarbonamide - (ADCA)	123-77-3	All	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 chloride	100-44-7	All	Usage ban	1.0			mg/kg	GC-MS // Extraction with Dichloromethane	
Bisphenol A	80-05-7	Textiles Down/feather Polymer parts Metal parts	Usage ban	1.0	10	10	mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: THF (1:1) or THF	
	80-05-7	Leather	Usage ban	1.0	10	10	mg/kg	EN ISO 11936 (2023)	
Bisphenol AF	1478-61-1	Textiles Down/feather Polymer parts Metal parts	Usage ban	40	100	100	mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: THF (1:1) or THF	Articles shall comply latest 01 July 2027. Bisphenol AF is classified as a PFAS.
	1478-61-1	Leather	Usage ban	40	100	100	mg/kg	EN ISO 11936 (2023)	
Bisphenol B	77-40-7	Textiles Down/feather Polymer parts Metal parts	Usage ban	10			mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: THF (1:1) or THF	
	77-40-7	Leather	Usage ban	10			mg/kg	EN ISO 11936 (2023)	
Bisphenol F	620-92-8	Textiles Down/feather Polymer parts Metal parts	Limitation	100			mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: THF (1:1) or THF	Reporting limit: 10 ppm. Specific limit for leather tanning and textile aftertreatment: 500 ppm.
	620-92-8	Leather	Limitation	100			mg/kg	EN ISO 11936 (2023)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Bisphenol S	80-09-1	Textiles Down/feather Polymer parts Metal parts	Usage ban	1	10	10	mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: THF (1:1) or THF	Articles shall comply latest 01 July 2027. Specific limit for textile aftertreatment (dye fixing agent for polyamide): 200 mg/kg. Specific limit for leather tanning: 500 mg/kg
	80-09-1	Leather	Usage ban	1	10	10	mg/kg	EN ISO 11936 (2023)	
1-Butyl glycidyl ether	2426-08-6	All	Usage ban	1	10	10	mg/kg	GC-MS // Extraction with Methanol	Articles shall comply latest 01 July 2027.
1,4-dichloro-2-nitrobenzene	89-61-2	All	Usage ban	20			mg/kg	Extraction // GC-ECD with reference to EPA Method 8091	
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	All	Usage ban	50	500	500	mg/kg	GC-MS	
Cyclohexanone	108-94-1	All	Limitation	10			mg/kg	GC-MS // Headspace	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.
Dicumyl peroxide	80-43-3	All	Usage ban	200			mg/kg	LC-DAD // Solvent extraction	Articles shall comply latest 01 July 2027.
Dimethyl hydrogen phosphite	868-85-9	All	Usage ban	25	50	50	mg/kg	GC-MS // Extraction with Methanol	
Ethylbenzene	100-41-4	All	Limitation	500	500	1000	mg/kg	GC-MS // Headspace	
Formamide	75-12-7	Textiles	Usage ban	50	50	200	mg/kg	EN 17131 (2019)	
	75-12-7	Down/feather Leather Polymer parts Metal parts	Usage ban	50	50	200	mg/kg	ISO 16189 (2021)	
Glycidyl methacrylate	106-91-2	All	Usage ban	1.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol	Articles shall comply latest 01 July 2027.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Isoquinoline	119-65-3	All	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	
N,N-Dimethyl-p-toluidine	99-97-8	All	Usage ban	20			mg/kg	GC-MS	Articles shall comply latest 01 July 2027.
Michler's base	101-61-1	All	Usage ban	100			mg/kg	LC-MS / DAD // with reference to DIN 54231	
Michler's ketone	90-94-8	All	Usage ban	100			mg/kg		
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	All	Usage ban	40	200	200	mg/kg	GC-MS // Solvent Extraction with Hexane: DCM (1:1)	
Phenol	108-95-2	All	Limitation	20	50	100	mg/kg	GC-MS // Extraction with Methanol LC-MS // Extraction with Methanol	
2-Phenyl-2-propanol	617-94-7	All	Limitation	10	50	50	mg/kg	GC-MS // Extraction with Methanol	
Triphenyl phosphate	115-86-6	All	Usage ban	100	1000	1000	mg/kg	EN ISO 17881-2 (2016)	Articles shall comply latest 01 July 2027.
Quinoline	91-22-5	All	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	
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	All	Usage ban	10			mg/kg		
m-Cresol	108-39-4	All	Usage ban	10			mg/kg		
p-Cresol	106-44-5	All	Usage ban	10			mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Other Chemical Substances									
Siloxanes	Several	All	Usage ban					GC // With reference to TEGEWA method (2021)	Usage ban for every allocated Member/Substance
D4-Siloxane (Octamethylcyclotetrasiloxane)	556-67-2	All	Usage ban		500		mg/kg		
D5-Siloxane (Decamethylcyclopentasiloxane)	541-02-6	All	Usage ban		500		mg/kg		
D6-Siloxane (Dodecamethylcyclohexasiloxane)	540-97-6	All	Usage ban		500		mg/kg		

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Ozone Depleting Substances (according to Regulation (EU) 2024/590)									
Ozone Depleting Substances (according to Regulation (EU) 2024/590)	Several	All	Usage ban					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	All	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	All	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 D7359 (total fluorine)	Limit refers to total fluorine content. Exceptions might be possible for specific uses, see "Guidance Sheet PFAS phase out" and PFAS statement in section 5.6.
Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine		Leather	Usage ban		100		µg/kg	EN ISO 23702-1 (2023)	
		Textiles Down/feather Polymer parts Metal parts	Usage ban		100		µg/kg	EN 17681-1 (2025)	
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	EN 17681-1 (2025)	
Perfluorohexane sulfon amides	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	EN 17681-1 (2025)	
Perfluorohexane sulfon amidoethanols	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	EN 17681-1 (2025)	
Perfluorohexane sulfon amidoethyl (meth)acrylates	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	EN 17681-1 (2025)	
Perfluorohexane sulfon halides	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	EN 17681-1 (2025)	
Perfluorohexane sulfon polymers	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	EN 17681-1 (2025)	
Perfluorooctane sulfonic acid and its derivatives	Several	Leather	Usage ban	1000			µg/kg	EN ISO 23702-1 (2023)	Articles shall comply latest 01 July 2027.
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	1000			µg/kg	EN 17681-1 (2025)	
Perfluorooctane sulfonic 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	EN 17681-1 (2025)	
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	EN 17681-1 (2025)	
Perfluorohexanoic acid and its salts	Several	Leather	Usage ban	25			µg/kg	EN ISO 23702-1 (2023)	Usage ban Single substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	25			µg/kg	EN 17681-1 (2025)	
Perfluoroheptanoic acid and its salts	Several	Leather	Usage ban	50			µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	50			µg/kg	EN 17681-1 (2025)	
Perfluorooctanoic acid and its salts	Several	Leather	Usage ban	25			µg/kg	EN ISO 23702-1 (2023)	Usage ban Single substances listed in Annex
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	25			µg/kg	EN 17681-1 (2025)	
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	EN 17681-1 (2025)	
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	EN 17681-1 (2025)	
	Several	Leather	Usage ban	1000			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)									
Perfluorooctanoic acid related substances	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	1000			µg/kg	EN 17681-1 (2025)	For the sum of PFOA-related substances. Single substances listed in Annex.
Perfluorocarboxylic acid (C9-C14) related substances	Several	Leather	Usage ban	260			µg/kg	EN ISO 23702-1 (2023)	
	Several	Textiles Down/feather Polymer parts Metal parts	Usage ban	260			µg/kg	EN 17681-1 (2025)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Plasticizers									
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	

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	All	Usage ban	0.2			mg/kg		
Benzo(e)pyrene	192-97-2	All	Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(a)anthracene	56-55-3	All	Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(b)fluoroanthene	205-99-2	All	Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(j)fluoroanthene	205-82-3	All	Usage ban	0.5	1.0	1.0	mg/kg		
Benzo(k)fluoroanthene	207-08-9	All	Usage ban	0.5	1.0	1.0	mg/kg		
Chrysene	218-01-9	All	Usage ban	0.5	1.0	1.0	mg/kg		
Dibenzo(a,h)anthrene	53-70-3	All	Usage ban	0.5	1.0	1.0	mg/kg		

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.

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Solvents									
Benzene	71-43-2	All	Usage ban	5.0			mg/kg	VDA 278 (2011)	
Carbon disulfide	75-15-0	All	Limitation	5.0	10	10	mg/kg	GC-MS // Headspace	
1,2-Dichloroethane	107-06-2	All	Usage ban	1.0			mg/kg		
Dichloromethane	75-09-2	All	Usage ban	5.0			mg/kg		Exception is valid for chemicals used in paint stripping process in closed systems
1,2-Dichloropropane	78-87-5	All	Usage ban	5.0			mg/kg		Articles shall comply latest 01 July 2027.
N,N-Dimethylacetamide - (DMAc)	127-19-5	Down/feather Polymer parts Metal parts	Usage ban	5.0			mg/kg	ISO 16189 (2021)	
	127-19-5	Leather	Usage ban	5.0			mg/kg	EN ISO 19070 (2016)	
	127-19-5	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.
N,N-Dimethylformamide - (DMF)	68-12-2	Leather	Usage ban	5.0			mg/kg	EN ISO 19070 (2016)	
	68-12-2	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.
	68-12-2	Down/feather Polymer parts Metal parts	Usage ban	5.0			mg/kg	ISO 16189 (2021)	

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Solvents									
2-Ethylhexanoic acid	149-57-5	All	Usage ban	40	200	200	mg/kg	GC-MS // Solvent Extraction with Hexane: DCM (1:1)	Articles shall comply latest 01 July 2027.
n-Hexane	110-54-3	All	Limitation	10	50	50	mg/kg	GC-MS // Headspace	
Isophorone	78-59-1	All	Limitation	20	100	100	mg/kg	GC-MS // Headspace or Solvent Extraction (Acetone)	Articles shall comply latest 01 July 2027.
N-Ethyl-2-pyrrolidone - (NEP)	2687-91-4	Textiles	Usage ban	10	10	100	mg/kg	EN 17131 (2019)	
	2687-91-4	Leather	Usage ban	10	10	100	mg/kg	EN ISO 19070 (2016)	
	2687-91-4	Down/feather Polymer parts Metal parts	Usage ban	10	10	100	mg/kg	ISO 16189 (2021)	
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
	872-50-4	Leather	Usage ban	10	10	100	mg/kg	EN ISO 19070 (2016)	
	872-50-4	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	All	Limitation	100			mg/kg		
Toluene	108-88-3	All	Usage ban	10	50	50	mg/kg		Usage ban does not apply to chemical products that are used in the following processes: solvent coating, laminating and painting/lacquering, but limit values for consumer safety must be kept. Testing of finished articles is necessary to provide evidence that limits are kept (see bluesign Criteria for chemical assessment, ANNEX: Exceptions).

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Solvents									
Trichloroethylene	79-01-6	All	Usage ban		5.0		mg/kg		
Trichloromethane	67-66-3	All	Usage ban		5.0		mg/kg		
1,2,3-Trichloropropane	96-18-4	All	Usage ban		5.0		mg/kg		
Chlorinated ethanes, all isomers	Several	All	Usage ban						Usage ban 1.0 mg/kg for each isomer
1,1,1-Trichloroethane	71-55-6	All	Usage ban		1.0		mg/kg		is an Ozone Depleting Substance
1,1,2-Trichloroethane	79-00-5	All	Usage ban		1.0		mg/kg		
1,1,1,2-Tetrachloroethane	630-20-6	All	Usage ban		1.0		mg/kg		
1,1,2,2-Tetrachloroethane	79-34-5	All	Usage ban		1.0		mg/kg		
Pentachloroethane	76-01-7	All	Usage ban		1.0		mg/kg		
Hexachloroethane	67-72-1	All	Usage ban		1.0		mg/kg		
Xylene, all isomers	1330-20-7	All	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	ISO 16179 (2025) EN ISO 22744-1 (2020)	Single substances listed in Annex.
Dimethyltin compounds - (DMT)	Several	All	Usage ban		0.5		mg/kg		
Trimethyltin compounds - (TMT)	Several	All	Usage ban		0.5		mg/kg		
Ethyltin compounds	Several								
Tetraethyltin compounds - (TeET)	Several	All	Usage ban		1.0		mg/kg	ISO 16179 (2025) EN ISO 22744-1 (2020)	Single substances listed in Annex.
Propyltin compounds	Several								
Dipropyltin compounds - (DPT)	Several	All	Usage ban		1.0		mg/kg	ISO 16179 (2025) EN ISO 22744-1 (2020)	Single substances listed in Annex.
Tripropyltin compounds - (TPT)	Several	All	Usage ban		0.5		mg/kg		
Butyltin compounds	Several								
Monobutyltin compounds - (MBT)	Several	All	Usage ban		1.0		mg/kg	ISO 16179 (2025) EN ISO 22744-1 (2020)	Single substances listed in Annex.
Dibutyltin compounds - (DBT)	Several	All	Usage ban		1.0		mg/kg		
Tributyltin compounds - (TBT)	Several	All	Usage ban		0.5		mg/kg		
Tetrabutyltin compounds - (TeBT)	Several	All	Usage ban		0.5		mg/kg		
Hexyltin compounds	Several								
Tricyclohexyltin compounds - (TCyHT)	Several	All	Usage ban		0.5		mg/kg	ISO 16179 (2025) EN ISO 22744-1 (2020)	Single substances listed in Annex.
Octyltin compounds	Several								

Chemical Name	CAS Number	Sector Of Use	Limit type	A	B	C	Unit	Test Method	Comment
Tin-organic Compounds									
Monooctyltin compounds - (MOT)	Several	All	Usage ban		1.0		mg/kg	ISO 16179 (2025) EN ISO 22744-1 (2020)	Single substances listed in Annex.
Dioctyltin compounds - (DOT)	Several	All	Usage ban		1.0		mg/kg		
Trioctyltin compounds - (TOT)	Several	All	Usage ban		0.5		mg/kg		
Tetraoctyltin compounds - (TeOT)	Several	All	Usage ban		0.5		mg/kg		
Phenyltin compounds	Several								
Monophenyltin compounds - (MPhT)	Several	All	Usage ban		1.0		mg/kg	ISO 16179 (2025) EN ISO 22744-1 (2020)	Single substances listed in Annex.
Diphenyltin compounds - (DPhT)	Several	All	Usage ban		1.0		mg/kg		
Triphenyltin compounds - (TPhT)	Several	All	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	
UV-326	3896-11-5	All	Usage ban		1000		mg/kg		Articles need to comply latest 01 July 2026.
UV-327	3864-99-1	All	Usage ban		1000		mg/kg		
UV-328	25973-55-1	All	Usage ban		1.0		mg/kg		Articles shall comply latest 01 July 2027.
UV-329	3147-75-9	All	Usage ban		1000		mg/kg		Articles need to comply latest 01 July 2026.
UV-350	36437-37-3	All	Usage ban		1000		mg/kg		

7 Annex I Compilation of Individual Substances

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

- Arylamines
- Biocides
- Chlorinated Benzenes and Toluenes
- Chlorinated Phenols
- Colorants
- Dioxins and Furans
- Fibers
- Flame Retardants
- Halogenated Diarylalkanes
- Isocyanates
- Pesticides
- PFAS (Poly- and perfluoroalkyl substances)
- Plasticizers
- Polyaromantic hydrocarbons (PAHs)

are listed

Limit values and test methods for the substance groups are provided in section 5.

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

Chemical Name	CAS Number
Nonylphenol, ethoxylated - > 30 EO	9016-45-9
Nonylphenol, ethoxylated - 4 EO	9016-45-9
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
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
4-Nonylphenol, branched, ethoxylated	127087-87-0
4-Nonylphenol, branched, ethoxylated - 1 - 2.5 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 2.5 - < 5 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 5 - < 8 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 8 - < 11 EO	127087-87-0

Chemical Name	CAS Number
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
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-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)	

Chemical Name	CAS Number
Octylphenol (OP), mixed isomers	Several
Octylphenol	27193-28-8
4-Octylphenol	1806-26-4
4-tert-Octylphenol	140-66-9
Nonylphenol (NP), mixed isomers	Several
Nonylphenol, mixed isomers	25154-52-3
Isononylphenol	11066-49-2
4-Nonylphenol, branched and linear	Several
p-Nonylphenol	104-40-5
Phenol, 4-nonyl-, branched	84852-15-3
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

Chemical Name	CAS Number
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
4,4'-Methylenebis-(2-chloraniline) and its salts	Several
4,4'-Methylenebis-(2-chloraniline)	101-14-4
2-Naphthylamine and its salts	Several
2-Naphthylamine	91-59-8
2-Naphthylammonium acetate	553-00-4
Anisidines and its salts	Several
Anisidine (o-, p-isomers)	29191-52-4
2-Anisidine and its salts	Several
2-Anisidine	90-04-0
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

Chemical Name	CAS Number
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
p-Cresidine	120-71-8
m-Toluidine and its salts	Several
m-Toluidine	108-44-1
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

Chemical Name	CAS Number
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
2,6-Xylidine	87-62-7
Chemical Name	**CAS Number**
Biocides	
o-Phenylphenol and its salts	Several
o-Phenylphenol	90-43-7
Chemical Name	**CAS Number**
Chlorinated Benzenes and Toluenes	
Chlorinated Benzenes	Several
Monochlorobenzene	108-90-7
Pentachlorobenzene	608-93-5
Hexachlorobenzene	118-74-1
Dichlorobenzenes, all isomers	Several
1,2-Dichlorobenzene	95-50-1
1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	106-46-7
Trichlorobenzenes, all isomers	Several

Chemical Name	CAS Number
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
Pentachlorotoluene	877-11-2
Chlorotoluene, unspecific mixture	25168-05-2
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

Chemical Name	CAS Number
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**
Chlorinated Phenols	
Trichlorophenol, all isomers	25167-82-2
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
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
Pentachlorophenol	87-86-5
Mono- and Dichlorophenols	Several

Chemical Name	CAS Number
Monochlorophenols, all isomers	25167-80-0
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**
Colorants	
Colorants with carcinogenic potential	Several
Acid Red 26	3761-53-3
Leucomalachite green	129-73-7
Basic Red 9	569-61-9
Basic Violet 14	632-99-5
Direct Black 38	1937-37-7
Direct Blue 6	2602-46-2
Direct Brown 95	16071-86-6
Direct Red 28	573-58-0
Disperse Blue 1	2475-45-8
Disperse Orange 11	82-28-0
Disperse Yellow 3	2832-40-8

Chemical Name	CAS Number
Pigment Yellow 34	1344-37-2
Pigment Red 104	12656-85-8
Solvent Red 80	6358-53-8
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
Solvent Yellow 2	60-11-7
Basic Green 4 - (Malachite Green)	Several
Malachite green	10309-95-2
Malachite green chloride	569-64-2
Malachite green oxalate	2437-29-8
Colorants with allergenic potential	Several
Disperse Blue 3	2475-46-9
Disperse Blue 7	3179-90-6
Disperse Blue 26	3860-63-7
Disperse Blue 102	12222-97-8 69766-79-6
Disperse Blue 106	12223-01-7 68516-81-4
Disperse Blue 124	61951-51-7 15141-18-1
Disperse Brown 1	23355-64-8
Disperse Orange 1	2581-69-3
Disperse Orange 3	730-40-5
Disperse Red 1	2872-52-8
Disperse Red 11	2872-48-2
Disperse Red 17	3179-89-3

Chemical Name	CAS Number
Disperse Yellow 1	119-15-3
Disperse Yellow 9	6373-73-5
Disperse Yellow 39	12236-29-2
Disperse Yellow 49	54824-37-2 6858-49-7
Solvent Yellow 14	842-07-9
Disperse Blue 35	Several
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
Disperse Orange 37/59/76 [1]	12223-33-5
Disperse Orange 37/59/76 [2]	13301-61-6
Disperse Orange 37/59/76 [3]	51811-42-8
Colorants banned for other reasons	Several
Acid Orange 24	1320-07-6
Acid Violet 49	1694-09-3
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
Basic Violet 1	8004-87-3
Direct Black 91	6739-62-4
Direct Blue 76	16143-79-6
Direct Blue 218	28407-37-6
Direct Yellow 1	6472-91-9
Disperse Yellow 23	6250-23-3
Disperse Orange 149	85136-74-9

Chemical Name	CAS Number
Solvent Blue 4	6786-83-0
Basic Violet 3	Several
Basic Violet 3 [1]	548-62-9
Basic Violet 3 [2]	603-48-5
Basic Violet 3 [3]	14426-25-6
Basic Violet 3 - with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	548-62-9
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
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
Disperse Red 151	61968-47-6
Disperse Yellow 7	6300-37-4
Disperse Yellow 56	54077-16-6

Chemical Name	CAS Number
Dioxins and Furans	
Dioxins and Furans - Group 3	Several
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0

Chemical Name	CAS Number
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
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

Chemical Name	CAS Number
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**
Flame retardants	
Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7
Hexabromocyclododecan, all isomers - group for all major diastereoisomers identified	Several
Hexabromocyclododecane	25637-99-4
1,2,5,6,9,10-Hexabromocyclododecane	3194-55-6
α-Hexabromocyclododecane	134237-50-6
β-Hexabromocyclododecane	134237-51-7
µ-Hexabromocyclododecane	134237-52-8
Polybrominated diphenyl ethers	Several
Decabromodiphenyl ether - (DecaBDE)	1163-19-5
Monobromodiphenyl ether - (MonoBDE)	Several
2-Bromodiphenyl ether	7025-06-1

Chemical Name	CAS Number
3-Bromodiphenyl ether	6876-00-2
4-Bromodiphenyl ether	101-55-3
Tribromodiphenyl ether - (TriBDE)	49690-94-0
Tetrabromodiphenyl ether - (TetraBDE)	40088-47-9
2,2´,4,4´-Tetrabromodiphenyl ether	5436-43-1
Pentabromodiphenyl ether - (PentaBDE)	32534-81-9
Hexabromodiphenyl ether - (HexaBDE)	36483-60-0
2,2´,4,4´,5,5´-Hexabromodiphenyl ether	68631-49-2
2,2´,4,4´,5,6´-Hexabromodiphenyl ether	207122-15-4
Heptabromodiphenyl ether - (HeptaBDE)	68928-80-3
2,2´,3,3´,4,5´,6-Heptabromodiphenyl ether	446255-22-7
2,2´,3,4,4´,5´,6-Heptabromodiphenyl ether	207122-16-5
Octabromodiphenyl ether - (OctaBDE)	32536-52-0
Nonabromodiphenyl ether - (NonaBDE)	63936-56-1
Chemical Name	**CAS Number**
Greenhouse Gases, fluorinated	
Sulphur hexafluoride	2551-62-4
Propanenitrile, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)-	42532-60-5
Perfluorocarbons	Several
Perfluoromethane	75-73-0
Perfluoroethane	76-16-4
Perfluoropropane	76-19-7
Perfluorobutane	355-25-9
Perfluoropentane	678-26-2
Perfluorohexane	355-42-0

Chemical Name	CAS Number
Perfluorocyclobutane	115-25-3
Perfluoro(2-methylpentane)	355-04-4
Perfluorodecalin	306-94-5
Hydrofluorocarbons	Several
HFC-23	75-46-7
HFC-32	75-10-5
HFC-41	593-53-3
HFC-43-10mee	138495-42-8
HFC-125	354-33-6
HFC-134	359-35-3
HFC-134a	811-97-2
HFC-152	624-72-6
HFC-152a	75-37-6
HFC-143	430-66-0
HFC-143a	420-46-2
HFC-161	353-36-6
HFC-227ea	431-89-0
HFC-236cb	677-56-5
HFC-236ea	431-63-0
HFC-236fa	690-39-1
HFC-245ca	679-86-7
HFC-245fa	460-73-1
HFC-365mfc	406-58-6
Unsaturated hydro(chloro)fluorocarbons	Several
HCFC 1224yd	3110-38-1

Chemical Name	CAS Number
1,1-difluoroethylene	75-38-7
2-Pentene, 1,1,1,2,3,4,5,5,5(or 1,1,1,3,4,4,5,5,5)-nonafluoro-4(or 2)-(trifluoromethyl)-	84650-68-0
HFC 1234yf	754-12-1
1,3,3,3-Tetrafluoro-1-propene - HFC 1234ze	1645-83-6
Trans-1,1,1,3-Tetrafluoro-2-propene - E-HFC 1234ze	29118-24-9
1-Propene, 1,3,3,3-tetrafluoro-, (1Z)- - HFC 1234ze(Z)	29118-25-0
Trans-1,1,1,4,4,4-Hexafluoro-2-butene - HFO 1336mzz(E)	66711-86-2
2-Butene, 1,1,1,4,4,4-hexafluoro-, (2Z)- - (Z)-HFO 1336mzz	692-49-9
1-Chloro-3,3,3-trifluoro-1-propene - HCFC 1233zd	2730-43-0
1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-	102687-65-0
Cis-1-Chloro-3,3,3-trifluoropropene - HCFO 1233zd(Z)	99728-16-2
1-Propene, 2-chloro-3,3,3-trifluoro- - HCFC 1233xf	2730-62-3
1,2-Difluoroethene - HFC 1132	1691-13-0
Cis-1,2-Difluoroethene	1630-77-9
Trans-1,2-Difluoroethene	1630-78-0
Other fluorinated substances and compounds	Several
Sevoflurane	28523-86-6
Enflurane	13838-16-9
Isoflurane	26675-46-7
Desflurane	57041-67-5
Nitrogen trifluoride	7783-54-2
Sulphuryl difluoride	2699-79-8
(Trifluoromethyl)pentafluorosulfur	373-80-8
1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(1,1,2,2,3,3,4,4,4-nonafluorobutyl)- - PFTBA	311-89-7

Chemical Name	CAS Number
Perfluorocyclopropane	931-91-9
Perfluoro-N-methylmorpholine	382-28-5
Perfluamine	338-83-0
Fluorinated ethers, ketones and alcohols	Several
HFE 125	3822-68-2
HFE 134	1691-17-4
HFE 143a	421-14-7
HFE 245cb2	22410-44-2
HFE 245fa2	1885-48-9
HFE 254cb2	425-88-7
HFE 347mcc	375-03-1
HFE 347pc-f	406-78-0
HFE 356pcc3	160620-20-2
HFE 449s1	219484-64-7
HFE 569sf2	163702-05-4
HFE 7300	132182-92-4
n-HFE-7100	163702-07-6
Propane, 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoro-	163702-08-7
i-HFE-7200	163702-06-5
HFE 43-10pccc124	188690-77-9
HFE 236ca12	78522-47-1
HFE 338pcc13	188690-78-0
HFE 347mmy	22052-84-2
1-Propanol, 2,2,3,3,3-pentafluoro-	422-05-9
2-Propanol, 1,1,1,3,3,3-hexafluoro-	920-66-1

Chemical Name	CAS Number
HFE 227ea	2356-62-9
HFE 236fa	20193-67-3
HFE 245FA1	84011-15-4
HFE 263mf	460-43-5
HFE 338MCF2	156053-88-2
HFE 356mec	382-34-3
2,2,3,3,4,4,5,5-Octafluorocyclopentanol	16621-87-7
1-Ethoxy-1,1,2,2-tetrafluoroethane	512-51-6
Propane, 1,1,1,2,2-pentafluoro-3-methoxy-	378-16-5
HFE 356pcf	35042-99-0
HFE-356pcf2	
HFE 356mmz	13171-18-1
HFE-347 mcf2	171182-95-9
2-(Difluoromethoxy)-1,1,1,3,3,3-hexafluoropropane	26103-08-2
HFE 329	134769-21-4
2-Butanone, 1,1,1,3,4,4,4-heptafluoro-3-(trifluoromethyl)-	756-12-7
1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd.	69991-67-9
1,1,1,2,2,4,5,5,5-Nonafluoro-4-(trifluoromethyl)-3-pentanone	756-13-8

Chemical Name	CAS Number
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes	
Polybrominated Biphenyls	59536-65-1
Hexabromo biphenyl	36355-01-8

Chemical Name	CAS Number
Halogenated Diarylalkanes	
Monomethyl-dibromo-diphenyl methane	99688-47-8

Chemical Name	CAS Number
Monomethyl-dichloro-diphenyl methane	81161-70-8
Monomethyl-tetrachloro-diphenyl methane	76253-60-6
Chemical Name	**CAS Number**
Isocyanates	
1,3-Bis(isocyanatomethyl)benzene	3634-83-1
Hexamethylene-di-isocyanate	822-06-0
Isophorone-di-isocyanate	4098-71-9
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
Methylenediphenyl diisocyanate - mixed isomers	26447-40-5
Toluene-di-isocyanates	Several
Toluene-2,4-di-isocyanate	584-84-9
Toluene-2,6-di-isocyanate	91-08-7
Chemical Name	**CAS Number**
Ozone Depleting Substances (according to Regulation (EU) 2024/590)	
Ozone depleting substances (CFCs) class I	Several
Trichlorofluoromethane - (CFC-11)	75-69-4
Dichlorodifluoromethane - (CFC-12)	75-71-8
1,1,2-Trichloro-1,2,2-trifluoroethane - (CFC-113)	76-13-1
1,1,1-Trichloro-2,2,2-trifluoroethane - (CFC-113a)	354-58-5
1,2-Dichloro-1,1,2,2-tetrafluoroethane - (CFC-114)	76-14-2

Chemical Name	CAS Number
1,1-Dichloro-1,2,2,2-tetrafluoroethane - (CFC-114a)	374-07-2
Monochloropentafluoroethane - (CFC-115)	76-15-3
Bromochlorodifluoromethane - (Halon-1211)	353-59-3
Bromotrifluoromethane - (Halon-1301)	75-63-8
Dibromotetrafluoroethane - (Halon-2402)	124-73-2
Chlorotrifluoromethane - (CFC-13)	75-72-9
Pentachlorofluoroethane - (CFC-111)	354-56-3
1,1,2,2-Tetrachloro-1,2-difluoroethane - (CFC-112)	76-12-0
1,1,1,2-Tetrachlorodifluoroethane - (CFC-112a)	76-11-9
Heptachlorofluoropropane - (CFC-211)	422-78-6
Hexachlorodifluoropropane - (CFC-212)	3182-26-1
Pentachlorotrifluoropropane - (CFC-213)	2354-06-5
Tetrachlorotetrafluoropropane - (CFC-214)	29255-31-0
1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane - (CFC-214)	2268-46-4
1,1,3-Trichloropentafluoropropane	76-17-5
1,2,3-Trichloropentafluoropropane - (CFC-215)	1652-81-9
1,1,1-Trichloropentafluoropropane	4259-43-2
1,2,2-Trichloropentafluoropropane	1599-41-3
Dichlorohexafluoropropane - (CFC-216)	661-97-2
1,3-dichloro-1,1,2,2,3,3-hexafluoropropane - (CFC-216ca)	662-01-1
Monochloroheptafluoropropane - (CFC-217)	422-86-6
2-Chloro-1,1,1,2,3,3,3-heptafluoropropane - (CFC-217ba)	76-18-6
Carbon tetrachloride - (CTC)	56-23-5
Methyl bromide	74-83-9
Dibromofluoromethane - (HBFC-21 B2)	1868-53-7

Chemical Name	CAS Number
Bromodifluoromethane - (HBFC-22 B1)	1511-62-2
Bromofluoromethane - (HBFC-31 B1)	373-52-4
Tetrabromofluoroethane - (HBFC-121 B4)	353-93-5
Tribromodifluoroethane - (HBFC-122 B3)	353-97-9
1,2-Dibromo-1,1,2-trifluoroethane - (HBFC-123 B2 / Halon 2302)	354-04-1
Bromotetrafluoroethane - (HBFC-124 B1)	354-07-4
Tribromofluoroethane - (HBFC-131 B3)	172912-75-3
1,2-Dibromo-1,1-difluoroethane - (HBFC-132 B2)	75-82-1
Bromotrifluoroethane - (HBFC-133 B1)	
1-Bromo-2,2,2-trifluoroethane - (HBFC-133a B1)	421-06-7
1,2-Dibromofluoroethane - (HBFC-141 B2)	358-97-4
2-Bromo-1-1-difluoroethane - (HBFC-142 B1)	359-07-9
1-Bromo-2-fluoroethane - (HBFC-151 B1)	762-49-2
Hexabromofluoropropane - (HBFC-221 B6)	
Pentabromodifluoropropane - (HBFC-222 B5)	
Tetrabromotrifluoropropane - (HBFC-223 B4)	
Tribromotetrafluoropropane - (HBFC-224 B3)	666-48-8
Dibromopentafluoropropane - (HBFC-225 B2)	431-78-7
Bromohexafluoropropane - (HBFC-226 B1)	2252-79-1
Pentrabromofluorapropane - (HBFC-231 B5)	
Tetrabromodifluoropropane - (HBFC-232 B4)	148875-98-3
Tribromotrifluoropropane - (HBFC-233 B3)	431-48-1
Dibromotetrafluoropropane - (HBFC-234 B2)	460-86-6
Bromopentafluoropropane - (HBFC-235 B1)	460-88-8
Tetrabrobofluoropropane - (HBFC-241 B4)	
Tribromodifluoropropane - (HBFC-242 B3)	666-25-1

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

Chemical Name	CAS Number
Trichlorofluoroethane - (HCFC-131)	359-28-4
1,2-Dichloro-1,2-difluoroethane - (HCFC-132)	431-06-1
1,2-Dichloro-1,1-difluoroethane - (HCFC-132b)	1649-08-7
Monochlorotrifluoroethane - (HCFC-133)	1330-45-6
2-Chloro-1,1,1-trifluoroethane - (HCFC-133a)	75-88-7
1,2-Dichloro-1-fluoroethane - (HCFC-141)	430-57-9
Dichlorofluoroethane - (HCFC-141b)	1717-00-6
Chlorodifluoroethane - (HCFC-142)	
Monochlorodifluoroethane - (HCFC-142b)	75-68-3
Chlorofluoroethane - (HCFC-151)	
1-Chloro-1-fluoroethane - (HCFC-151a)	1615-75-4
Hexachlorofluoropropane - (HCFC-221)	29470-94-8
Pentachlorodifluoropropane - (HCFC-222)	134237-36-8
1,1,1,3,3-Pentachloro-2,2-difluoropropane - (HCFC-222c)	422-49-1
Tetrachlorotrifluoropropane - (HCFC-223)	29470-95-9
1,1,3,3-Tetrachloro-1,2,2-trifluoropropane - (HCFC-223ca)	422-52-6
Trichlorotetrafluoropropane - (HCFC-224)	127564-91-4
1,3,3-Trichloro-1,1,2,2-tetrafluoropropane - (HCFC-224ca)	422-54-8
Dichloropentafluoropropane - (HCFC-225)	
Dichloropentafluoropropane - (HCFC-225ca)	422-56-0
Dichloropentafluoropropane - (HCFC-225cb)	507-55-1
Chloro-1,1,2,2,3,3-hexafluoropropane - (HCFC-226cb)	422-55-9
Monochlorohexafluoropropane - (HCFC-226)	28987-04-4
2-Chloro-1,1,1,3,3,3-hexafluoropropane - (HCFC-226da)	431-87-8
Pentachlorofluoropropane - (HCFC-231)	421-94-3

Chemical Name	CAS Number
1,1,3,3-Tetrachloro-2,2-difluoropropane - (HCFC-232ca)	1112-14-7
1,1,3-Trichloro-1,2,2-trifluoropropane - (HCFC-233cb)	421-99-8
Tetrachlorodifluoropropane - (HCFC-232)	460-89-9
Trichlorotrifluoropropane - (HCFC-233)	7125-84-0
Dichlorotetrafluoropropane - (HCFC-234)	127564-83-4
1-Chloro-1,2,2,3,3-pentafluoropropane - (HCFC-235ca)	679-99-2
Monochloropentafluoropropane - (HCFC-235)	460-92-4
Tetrachlorofluoropropane - (HCFC-241)	134190-49-1
Trichlorodifluoropropane - (HCFC-242)	127564-90-3
Dichlorotrifluoropropane - (HCFC-243)	116890-51-8
Monochlorotetrafluoropropane - (HCFC-244)	134190-50-4
Trichloromonofluoropropane - (HCFC-251)	134190-51-5
Dichlorodifluoropropane - (HCFC-252)	134190-52-6
Monochlorotrifluoropropane - (HCFC-253)	134237-44-8 26588-23-8
3-Chloro-1,1,1-trifluoropropane - (HCFC-253fb)	460-35-5
Dichlorofluoropropane - (HCFC-261)	420-97-3
1-Chloro-2,2-difluoropropane - (HCFC-262ca)	420-99-5
2-Chloro-2-fluoropropane - (HCFC-271b)	420-44-0
Monochlorodifluoropropane - (HCFC-262)	421-02-3
Monochlorofluoropropane - (HCFC-271)	430-55-7
Chemical Name	**CAS Number**
Pesticides	
Aldrin	309-00-2
Azinphos methyl	86-50-0

Chemical Name	CAS Number
Azinphos-ethyl	2642-71-9
Bromophos-ethyl	4824-78-6
Captafol	2425-06-1
Carbaryl	63-25-2
Chlordane	57-74-9
Chlordecone	143-50-0
Chlordimeform	6164-98-3
Chlorfenvinphos	470-90-6
Chlorobenzilate	510-15-6
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
Diazinon	333-41-5
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	50-29-3

Chemical Name	CAS Number
and its isomers	
4,6-Dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoro-methyl-benzimidazole	63405-99-2
Dichlorprop	120-36-5
Dicofol	115-32-2 10606-46-9
Dicrotophos	141-66-2
Dieldrin	60-57-1
Dimethoate	60-51-5
Dinotefuran	165252-70-0
Endosulfan	115-29-7
Endosulfan, alpha	959-98-8
Endosulfan, beta	33213-65-9
Endrin	72-20-8
Esfenvalerate	66230-04-4
Ethyl parathion	56-38-2
Ethylene dibromide	106-93-4
Fenvalerate	51630-58-1
Glyphosate	1071-83-6
Heptachlor	76-44-8
Heptachlor epoxide	1024-57-3
Imidacloprid (ISO)	105827-78-9 138261-41-3
Isodrin	465-73-6
Kelevan	4234-79-1
Malathion	121-75-5
MCPA	94-74-6

Chemical Name	CAS Number
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
Pentachloroanisole	1825-21-4
Perthane	72-56-0
Phosphamidon	13171-21-6
Profenophos	41198-08-7
Propetamphos	31218-83-4
Quinalphos	13593-03-8
Quintozene	82-68-8
Strobane	8001-50-1
Telodrin	297-78-9
Thiacloprid	111988-49-9
Thiamethoxam	153719-23-4
Tolylfluanid	731-27-1
Toxaphene	8001-35-2
Tribufos (DEF)	78-48-8
Trifluralin - containing < 0.5 ppm NPDA	1582-09-8
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

Chemical Name	CAS Number
Perfluorohexane sulfonic acid	355-46-4
Potassium perfluorohexane-1-sulphonate	3871-99-6
Ammonium perfluorohexane-1-sulphonate	68259-08-5
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-, sodium salt	82382-12-5
Perfluorohexane sulfon amides	Several
Perfluorohexane sulfon amide	41997-13-1
Tridecafluoro-N-methylhexanesulphonamide	68259-15-4
Perfluorooctane sulfonic acid and its derivatives	Several
Perfluorooctane sulfon amides	Several
Perfluorooctane sulfonamide	754-91-6
Heptadecafluoro-N-methyloctane sulfonamide	31506-32-8
Perfluorooctane sulfon amidoethanols	Several
Heptadecafluoro-N-methyloctane sulfonamideoethanol	24448-09-7
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 amidoethyl (meth)acrylates	Several
Perfluorooctane sulfon halides	Several
1-Octanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-	307-35-7
Perfluorooctane sulfon polymers	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

Chemical Name	CAS Number
Perfluorooctane sulfonic acid	1763-23-1
Perfluorooctane sulfonate	45298-90-6
Potassium heptadecafluoro-octane-1-sulphonate	2795-39-3
Ethanaminium, N,N,N-triethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	56773-42-3
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	251099-16-8
Perfluoroalkyl sulfonic acid and its derivatives - F(CF2)n [n>8]	Several
Perfluoroalkyl sulfonic acid and its salts - F(CF2)n [n>8]	Several
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
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
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

Chemical Name	CAS Number
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
Perfluorodecanoic acid and its salts	Several
Perfluorodecanoic acid	335-76-2
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
Perfluorohexanoic acid related substances	Several
1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-	27619-97-2
Perfluorohexylethyl alcohols	Several
6:2 Fluorotelomer alcohols (6:2 FTOH)	647-42-7
Perfluorohexylethyl acrylates or methacrylates	Several
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate	2144-53-8
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl acrylate	17527-29-6
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

Chemical Name	CAS Number
Perfluorooctylethyl olefins	Several
Perfluorooctylethene	21652-58-4
Perfluorooctylethyl halides	Several
Heptadecafluoro-1-iodooctane	507-63-1
1H,1H,2H,2H-Perfluorodecyliodide	2043-53-0
Pentadecafluorooctyl fluoride	335-66-0
Perfluorooctylethyl acrylate or methacrylate	Several
2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	1996-88-9
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	27905-45-9
Perfluorooctylethyl polymers	Several
Perfluorocarboxylic acid (C9-C14) related substances	Several
Perfluorododecylethanol	39239-77-5
Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafluoro-12-iodo-	2043-54-1
2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester	2144-54-9
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester	17741-60-5
Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafluoro-14-iodo-	30046-31-2
Perfluorodecanoic acid related substances	Several
10:2 Fluorotelomer alcohol - (10:2 FTOH)	865-86-1

Chemical Name	CAS Number
Plasticizers	
Phthalic acid esters	Several
Bis-(2-methoxyethyl) phthalate - (DMEP)	117-82-8
Butylbenzyl phthalate - (BBP)	85-68-7

Chemical Name	CAS Number
Dimethyl phthalate - (DMP)	131-11-3
Diethyl phthalate - (DEP)	84-66-2
Di-n-propyl phthalate - (DPRP)	131-16-8
Dibutyl phthalate - (DBP)	84-74-2
Di-iso-butyl phthalate - (DIBP)	84-69-5
Di-n-pentyl phthalate - (DnPP)	131-18-0
Di-iso-pentyl phthalate - (DIPP)	605-50-5
n-Pentyl-isopentyl phthalate	776297-69-9
Di-n-hexyl phthalate - (DnHP)	84-75-3
Di-cyclohexyl phthalate - (DCHP)	84-61-7
Di-iso-hexyl phthalate - (DIHxP)	71850-09-4
Di-n-octyl phthalate - (DnOP)	117-84-0
Di-iso-octyl phthalate - (DIOP)	27554-26-3
Diethylhexyl phthalate - (DEHP)	117-81-7
Dinonyl phthalate - (DNP)	84-76-4
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich	71888-89-6
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters	68515-40-2
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters	68515-42-4
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	Several
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

Chemical Name	CAS Number
Di-iso-nonyl phthalate - (DINP)	Several
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
Di-iso-decyl phthalate [1]	26761-40-0
Di-iso-decyl phthalate [2]	68515-49-1
Chemical Name	**CAS Number**
Polyaromatic hydrocarbons (PAHs)	
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
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
Tin-organic Compounds	
Methyltin compounds	Several
Monomethyltin compounds - (MMT)	Several
Methyltin trichloride	993-16-8
Dimethyltin compounds - (DMT)	Several
Dimethyltin dichloride	753-73-1
Trimethyltin compounds - (TMT)	Several
Trimethyltin chloride	1066-45-1
Ethyltin compounds	Several
Tetraethyltin compounds - (TeET)	Several
Tetraethyltin	597-64-8
Propyltin compounds	Several
Dipropyltin compounds - (DPT)	Several
Dichlorodipropyltin	867-36-7
Tripropyltin compounds - (TPT)	Several
Tripropyltin chloride	2279-76-7
Butyltin compounds	Several
Monobutyltin compounds - (MBT)	Several
N-butyltin trichloride	1118-46-3
Dibutyltin compounds - (DBT)	Several
Dibutyltin (DBT)	1002-53-5
Dibutyltin oxide	818-08-6
Dibutyltin maleate	78-04-6
Tributyltin compounds - (TBT)	Several
Tin-San - A tributyltin chloride complex	56573-85-4
Tributyltin chloride	1461-22-9
Tetrabutyltin compounds - (TeBT)	Several
Tetrabutyltin	1461-25-2
Hexyltin compounds	Several
Tricyclohexyltin compounds - (TCyHT)	Several
Tricyclohexyltin chloride	3091-32-5
Octyltin compounds	Several
Monooctyltin compounds - (MOT)	Several
Monooctyltin trichloride	3091-25-6
Dioctyltin compounds - (DOT)	Several
Dioctyltin dihydride	15231-44-4
Dichlorodioctyl stannane	3542-36-7
Trioctyltin compounds - (TOT)	Several
Trioctyltin chloride	2587-76-0
Tetraoctyltin compounds - (TeOT)	Several
Tetraoctyltin	3590-84-9
Phenyltin compounds	Several
Monophenyltin compounds - (MPhT)	Several
Monophenyltin trichloride	1124-19-2
Diphenyltin compounds - (DPhT)	Several
Diphenyltin dichloride	1135-99-5
Triphenyltin compounds - (TPhT)	Several
Triphenyltin	668-34-8
Triphenyltin chloride	639-58-7