

# bluesign System Substances List (BSSL)



bluesign

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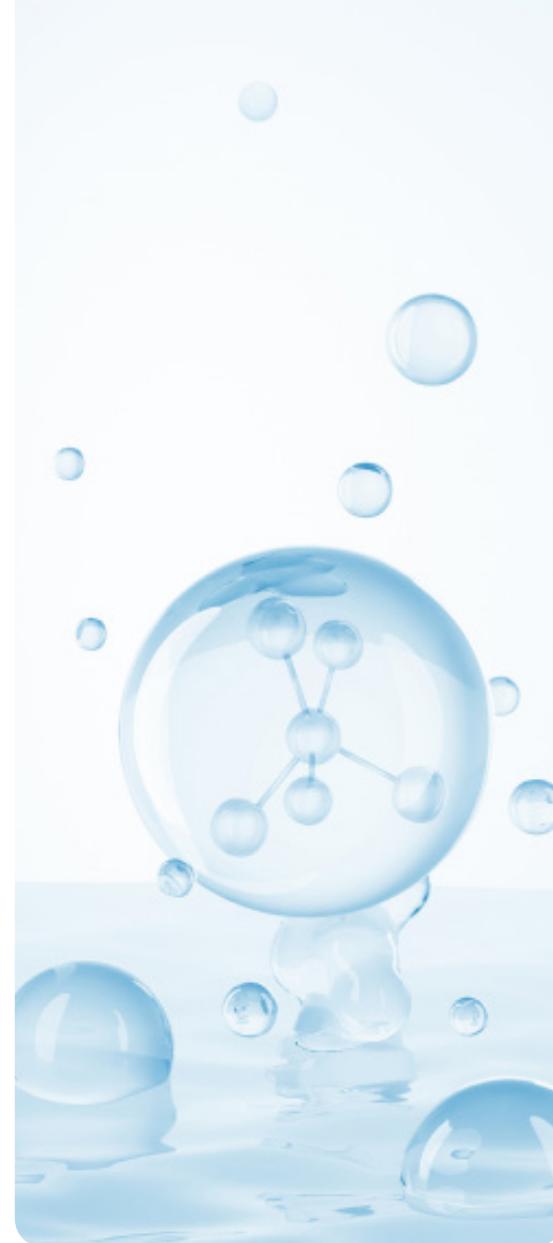
## 1 Introduction

The BSSL (bluesign System Substances List) defines consumer safety limits for chemical substances in articles and consumer products such as apparel and footwear. It also establishes prohibitions on the intentional use of certain substances during the manufacturing process.

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 System 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. The BSSL is updated annually and is designed to encompass the AFIRM RSL and AAFA RSL, ensuring broad industry relevance and compliance.



## 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.

### 2.11 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 Definitions and Abbreviations

### 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.

### 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 kinds of industries. Some Sectors of Use are combined into groups.

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

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

### 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 BSSL 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<br>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

BSSL version 16.0 comes into force on 1<sup>st</sup> of July 2025. It replaces the bluesign system substances list (BSSL) version 15.0 from 1<sup>st</sup> 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 1<sup>st</sup> July 2027 at the latest.

Articles certified after the revision date of this version of the BSSL 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.

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 (chrometanned 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  $\geq 4$ . 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 recycled 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 or 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 1<sup>st</sup> 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 ( $\text{CF}_3-$ ) or methylene ( $-\text{CF}_2-$ ) 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:  $\text{CF}_3\text{-X}$  or  $\text{X-CF}_2\text{-X}'$

where  $\text{X} = -\text{OR}$  or  $-\text{NRR}'$  and  $\text{X}' = \text{methyl } (-\text{CH}_3)$ , methylene  $(-\text{CH}_2-)$ , an aromatic group, a carbonyl group  $(-\text{C}(\text{O})-)$ ,  $-\text{OR}''$ ,  $-\text{SR}''$  or  $-\text{NR}''\text{R}'''$

and where  $\text{R/R}'\text{/R}''\text{/R}'''$  is a hydrogen (-H), methyl (- $\text{CH}_3$ ), methylene (- $\text{CH}_2-$ ), an aromatic group or a carbonyl group (- $\text{C}(\text{O})-$ ).

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



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

| Chemical Name                         | CAS Number | Sector Of Use  | Limit type | A   | B     | C  | Unit               | Test Method  | Comment |
|---------------------------------------|------------|--|------------|-----|-------|--|--------------------|--|---------|
| <b>Alkylphenolethoxylates (APEOs)</b> |            |  |            |     |       |  |                    |  |         |
| <b>Alkylphenolethoxylates (APEOs)</b> | Several    | All  | Usage ban  | 100 | mg/kg |  |                    | For sum of all restricted APEO. Goal should be 100 mg/kg for APEOs + APs.<br>Test methods: See NPEO/OPEO.<br>For recycled materials a higher limit up to 500 mg/kg is accepted by Bluesign when it complies with the requirements under REACH. |         |
| <b>Nonylphenol ethoxylates (NPEO)</b> | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 100 | mg/kg | EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS | ISO 18218-1 (2023) | For sum of all allocated Members/Substances.<br>Single Members/Substances listed in the Annex.<br>(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 |  |                    |  |         |
| <b>Octylphenol ethoxylates (OPEO)</b> | Several    | Leather  | Usage ban  | 100 | mg/kg | EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS |                    |  |         |
|                                       | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 100 | mg/kg |  |                    |  |         |

| Chemical Name                              | CAS Number | Sector Of Use                                | Limit type | A  | B     | C  | Unit                | Test Method | Comment  |
|--|------------|--|------------|----|-------|--|---------------------|-------------|--|
| <b>Alkylphenols (APs)</b>                  |            |  |            |    |       |  |                     |             |  |
| <b>Alkylphenols (APs)</b>                  | Several    | All  | Usage ban  | 10 | mg/kg |  |                     |             | For sum of all alkylphenols.   |
| 4-tert-Butylphenol                         | 98-54-4    | Textiles<br>Leather                          | Usage ban  | 10 | mg/kg | EN ISO 21084 (2019)  |                     |             |  |
|  | 98-54-4    | Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10 | mg/kg | EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C |                     |             |  |
| p-(1,1-Dimethylpropyl) phenol              | 80-46-6    | Textiles<br>Leather                          | Usage ban  | 10 | mg/kg | EN ISO 21084 (2019)  |                     |             |  |
|  | 80-46-6    | Down/feather<br>Polymer parts<br>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 |                     |             |  |
| <b>4-Heptylphenol, branched and linear</b> | Several    | Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10 | mg/kg |  |                     |             | For sum of all allocated Members/Substances.<br>Single Members/Substances listed in Annex.     |
|  | Several    | Textiles<br>Leather                          | Usage ban  | 10 | mg/kg |  | EN ISO 21084 (2019) |             |  |
| <b>Octylphenol (OP), mixed isomers</b>     | Several    | Textiles<br>Leather                          | Usage ban  | 10 | mg/kg |  |                     |             | For sum of all allocated Members/Substances.<br>Single Members/Substances listed in the Annex. |
|  | Several    | Down/feather<br>Polymer parts<br>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 |                     |             |  |
| <b>Nonylphenol (NP), mixed isomers</b>     | Several    | Textiles<br>Leather                          | Usage ban  | 10 | mg/kg | EN ISO 21084 (2019)  |                     |             |  |
|  | Several    | Down/feather<br>Polymer parts<br>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 |                     |             |  |
| <b>Dodecylphenol, mixed isomers</b>        | 27193-86-8 | Textiles<br>Leather                          | Usage ban  | 10 | mg/kg | EN ISO 21084 (2019)  |                     |             | For sum of all allocated Members/Substances.<br>Single Members/Substances listed in Annex.     |
|  | 27193-86-8 | Down/feather<br>Polymer parts<br>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 |
|---|------------|---------------------------|------------|-----|-----|-------|-----------------------------------|--|---------|
| <b>Amines</b>   |            |                           |            |     |     |       |                                   |  |         |
| 2-Aminoethanol  | 141-43-5   | All                       | Limitation | 100 | 200 | 200   | mg/kg                             | GC-MS // Extraction with Methanol<br><br>LC-MS // Extraction with Methanol and derivatization with Acetylacetone/Water |         |
| Aminoethylethanolamine - (AEEA)                                     | 111-41-1   | All                       | Usage ban  | 10  |     | mg/kg |                                   |  |         |
| Fatty acid condensation products with AEEA which may cleave to AEEA |            | All                       | Usage ban  | 10  |     | mg/kg |                                   |  |         |
| Diethanolamine  | 111-42-2   | All                       | Limitation | 10  |     | mg/kg |                                   |  |         |
| Diethylenetriamine  | 111-40-0   | All                       | Monitoring | 1.0 | 10  | 50    | mg/kg                             |  |         |
| Diphenylamine   | 122-39-4   | All                       | Monitoring | 100 |     | mg/kg |                                   |  |         |
| Dipropyleneetriamine  | 56-18-8    | All                       | Monitoring | 50  |     | mg/kg |                                   |  |         |
| Ethylenediamine   | 107-15-3   | All                       | Usage ban  | 10  |     | mg/kg |                                   |  |         |
| Hexamethylenetetramine  | 100-97-0   | All                       | Limitation | 10  | 50  | 50    | mg/kg                             |  |         |
| Imidazole   | 288-32-4   | All                       | Usage ban  | 10  |     | mg/kg |                                   |  |         |
| Melamine  | 108-78-1   | All                       | Usage ban  | 200 |     | mg/kg |                                   |  |         |
| 2-Naphthylphenylamine   | 135-88-6   | All                       | Usage ban  | 1.0 |     | mg/kg |                                   |  |         |
| Triethylamine   | 121-44-8   | All                       | Limitation | 2.0 | 10  | 10    | mg/kg                             |  |         |
| Trimethylamine  | 75-50-3    | All                       | Limitation | 10  |     | mg/kg |                                   |  |         |
| <b>Anilines, its salts and compounds</b>                            | 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<br>Polymer parts | Usage ban  | 30  |     | mg/kg | EN ISO 14362-1 (2017)             |  |         |
| N-Methylaniline   | 100-61-8   | All                       | Limitation | 30  |     | mg/kg | GC-MS // Extraction with Methanol |  |         |

| Chemical Name                                 | CAS Number | Sector Of Use | Limit type | A  | B     | C                                 | Unit | Test Method | Comment |
|---|------------|---------------|------------|----|-------|-----------------------------------|------|-------------|---------|
| <b>Amines</b>                                 |            |               |            |    |       |                                   |      |             |         |
| <b><i>Phenylenediamines and its salts</i></b> | Several    |               |            |    |       |                                   |      |             |         |
| <i>p-Phenylenediamine and its salts</i>       | Several    | All           | Usage ban  | 20 | mg/kg | GC-MS // Extraction with Methanol |      |             |         |
| p-Phenylenediamine                            | 106-50-3   |               |            |    |       |                                   |      |             |         |
| p-Phenylenediamine-dihydrochloride            | 624-18-0   |               |            |    |       |                                   |      |             |         |

| Chemical Name                                     | CAS Number | Sector Of Use  | Limit type | A  | B | C | Unit  | Test Method   | Comment  |
|---|------------|--|------------|----|---|---|-------|---|--|
| <b>Arylamines</b>                                 |            |  |            |    |   |   |       |   |  |
| <b>Arylamines</b>                                 | Several    | Leather  | Usage ban  |    |   |   |       | EN ISO 17234-1 (2020)<br>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<br><br>(as substance for example in PU or by reductive cleavage of azo colorants) |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  |    |   |   |       | EN ISO 14362-1 (2017)<br>EN ISO 14362-3 (2017) // for azo colorants which may release 4-Aminoazobenzene |  |
| <i>o</i> -Aminoazotoluene and its salts           | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-1 (2020)   | Single Substances listed in Annex  |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017)   |  |
| <i>p</i> -Aminoazobenzene and its salts           | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-2 (2011) // for azo colorants which may release 4-Aminoazobenzene                          |  |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-3 (2017) // for azo colorants which may release 4-Aminoazobenzene                          |  |
| <i>4</i> -Aminobiphenyl and its salts             | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-1 (2020)   |  |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017)   |  |
| <i>6</i> -Amino-2-ethoxynaphthalene and its salts | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-1 (2020)   |  |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017)   |  |
| 4-Amino-3-fluorophenol and its salts              | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-1 (2020)   |  |

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

| Chemical Name                        | CAS Number | Sector Of Use  | Limit type | A  | B | C | Unit  | Test Method           | Comment                           |
|--------------------------------------|------------|--|------------|----|---|---|-------|-----------------------|-----------------------------------|
| <b>Arylamines</b>                    |            |  |            |    |   |   |       |                       |                                   |
|                                      | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017) |                                   |
| <b>Anisidines and its salts</b>      | Several    |  |            |    |   |   |       |                       | Single Substances listed in Annex |
| Anisidine (o-, p-isomers)            | 29191-52-4 | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017) |                                   |
|                                      | 29191-52-4 | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-1 (2020) |                                   |
| 2-Anisidine and its salts            | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017) |                                   |
|                                      | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-1 (2020) |                                   |
| 2-Anisidine                          | 90-04-0    |  |            |    |   |   |       |                       |                                   |
| <b>Benzidines and its salts</b>      | Several    |  |            |    |   |   |       |                       |                                   |
| Benzidine and its salts              | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017) | Single Substances listed in Annex |
|                                      | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg | EN ISO 17234-1 (2020) |                                   |
| 3,3'-Dimethylbenzidine and its salts | Several    | Leather  | Usage ban  | 20 |   |   | mg/kg |                       |                                   |
|                                      | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg | EN ISO 14362-1 (2017) |                                   |
| 3,3'-Dichlorobenzidine and its salts | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | mg/kg |                       |                                   |

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

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

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

| Chemical Name   | CAS Number | Sector Of Use  | Limit type | A   | B   | C   | Unit  | Test Method  | Comment  |
|---|------------|--|------------|-----|-----|-----|-------|--|--|
| <b>Biocides</b>   |            |  |            |     |     |     |       |  |  |
| 2-Chloroacetamide   | 79-07-2    | All  | Usage ban  | 1.0 |     |     | mg/kg | GC-MS // Extraction with Methanol  |  |
| 4-Chloro-3-methylphenol - (CMK/CMC)                                       | 59-50-7    | Leather  | Monitoring |     |     |     |       | ISO 13365-1  |  |
| Dichlorophen  | 97-23-4    | All  | Usage ban  | 1.0 |     |     | mg/kg | GC-MS // Derivatisation with Acetic anhydride  |  |
| Dimethylfumarate  | 624-49-7   | All  | Usage ban  | 0.1 |     |     | mg/kg | ISO 16186 (2021)   |  |
| N-Methylol-chloroacetamide  | 2832-19-1  | All  | Usage ban  | 1.0 |     |     | mg/kg | GC-MS // Extraction with Methanol  |  |
| Permethrin  | 52645-53-1 | All  | Usage ban  | 1.0 | 1.0 |     | mg/kg | GC-MS // ASE with Acetone/Hexane<br>GC-MS // Soxhlet Extraction with Acetone/Hexane<br>LC-MS // ASE with Acetone/Hexane<br>LC-MS // Soxhlet Extraction with Acetone/Hexane | Usage range C // See bluesign® CRITERIA for biocidal products and antimicrobial active substances. |
| Pyrrithione sodium  | 3811-73-2  | All  | Limitation | 50  | 200 | 200 | mg/kg |  |  |
| Pyrrithione 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.              |
| 2-(Thiocyanatomethylthio) benzothiazol - (TCMTB)                          | 21564-17-0 | Leather  | Monitoring |     |     |     |       | ISO 13365-1  |  |
| Triclosan   | 3380-34-5  | Textiles   | Usage ban  | 1.0 | 1.0 |     | mg/kg | EN 17134 (2019)  | Usage range C // See bluesign® CRITERIA for biocidal products and antimicrobial active substances. |
|   | 3380-34-5  | Leather  | Usage ban  | 1.0 | 1.0 |     | mg/kg | ISO 13365-1  |  |
| <b><i>Chlorinated and non-chlorinated Isothiazolinone-derivatives</i></b> | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  |     |     |     |       | LC-MS // Extraction with Methanol  | Usage ban with exception of usage as preservative (in chemical products)                           |
|   | Several    | Leather  | Usage ban  |     |     |     |       | ISO 13365-1  |  |
| 5-Chloro-2-methyl-4-isothiazolin-3-one - (CIT)                            | 26172-55-4 | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1   |     |     | mg/kg | LC-MS // Extraction with Methanol  | Traces from preservatives  |

| Chemical Name                                | CAS Number | Sector Of Use  | Limit type | A  | B | C | Unit  | Test Method                       | Comment |
|--|------------|--|------------|----|---|---|-------|-----------------------------------|---------|
| <b>Biocides</b>                              |            |  |            |    |   |   |       |                                   |         |
|  | 26172-55-4 | Leather  | Usage ban  | 1  |   |   | mg/kg | ISO 13365-1                       |         |
| 2-Methyl-4-isothiazolin-3-one - (MIT)        | 2682-20-4  | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10 |   |   | mg/kg | LC-MS // Extraction with Methanol |         |
|  | 2682-20-4  | Leather  | Usage ban  | 10 |   |   | mg/kg | ISO 13365-1                       |         |
| Mixture (3:1) of CIT and MIT                 | 55965-84-9 | Leather  | Usage ban  | 1  |   |   | mg/kg |                                   |         |
|  | 55965-84-9 | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1  |   |   | mg/kg | LC-MS // Extraction with Methanol |         |
| 2-Methyl-1,2-benzothiazol-3(2H)-one - (MBIT) | 2527-66-4  | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10 |   |   | mg/kg |                                   |         |
|  | 2527-66-4  | Leather  | Usage ban  | 10 |   |   | mg/kg | ISO 13365-1                       |         |
| 2-n-Octyl-4-isothiazolin-3-one - (OIT)       | 26530-20-1 | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10 |   |   | mg/kg | LC-MS // Extraction with Methanol |         |
|  | 26530-20-1 | Leather  | Usage ban  | 10 |   |   | mg/kg | ISO 13365-1                       |         |
| 1,2-Benzoisothiazol-3(2H)-one - (BIT)        | 2634-33-5  | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 25 |   |   | mg/kg | LC-MS // Extraction with Methanol |         |
|  | 2634-33-5  | Leather  | Usage ban  | 25 |   |   | mg/kg | ISO 13365-1                       |         |
| Dichlorooctyl isothiazolinone - (DCOIT)      | 64359-81-5 | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10 |   |   | mg/kg | LC-MS // Extraction with Methanol |         |

| Chemical Name                              | CAS Number | Sector Of Use | Limit type | A  | B   | C   | Unit  | Test Method | Comment |
|--|------------|---------------|------------|----|-----|-----|-------|-------------|---------|
| <b>Biocides</b>                            |            |               |            |    |     |     |       |             |         |
|  | 64359-81-5 | Leather       | Usage ban  | 10 |     |     | mg/kg | ISO 13365-1 |         |
| <i><b>o-Phenylphenol and its salts</b></i> | Several    | Textiles      | Limitation | 50 |     |     | mg/kg | EN 17134-1  |         |
|  | Several    | Leather       | Limitation | 50 | 100 | 200 | mg/kg | ISO 13365-1 |         |
| o-Phenylphenol                             | 90-43-7    |               |            |    |     |     |       |             |         |
| Sodium 2-biphenylate                       | 132-27-4   |               |            |    |     |     |       |             |         |

| Chemical Name                            | CAS Number | Sector Of Use | Limit type | A   | B   | C   | Unit  | Test Method     | Comment   |
|--|------------|---------------|------------|-----|-----|-----|-------|-----------------|---|
| <b>Chlorinated Benzenes and Toluenes</b> |            |               |            |     |     |     |       |                 |   |
| <b>Chlorinated Benzenes and Toluenes</b> | Several    | All           | Usage ban  | 1.0 | 5.0 | 5.0 | mg/kg | EN 17137 (2024) | Articles shall comply latest 01 July 2027.<br>For sum of all allocated chlorinated benzenes and toluenes.<br>Additional regulation for each allocated Member/Substance - Usage ban 1.0 mg/kg. |
| <b>Chlorinated Benzenes</b>              | Several    |               |            |     |     |     |       |                 | EN 17137 (2024)   |
| Monochlorobenzene                        | 108-90-7   | All           | Usage ban  | 1.0 |     |     | mg/kg |                 |   |
| Pentachlorobenzene                       | 608-93-5   | All           | Usage ban  | 1.0 |     |     | mg/kg |                 |   |
| Hexachlorobenzene                        | 118-74-1   | All           | Usage ban  | 0.5 |     |     | mg/kg |                 |   |
| <i>Dichlorobenzenes, all isomers</i>     | Several    | All           | Usage ban  |     |     |     |       |                 | Usage ban 1.0 mg/kg for every allocated Member/Substance.<br>Single substances listed in Annex.   |
| <i>Trichlorobenzenes, all isomers</i>    | Several    | All           | Usage ban  |     |     |     |       |                 |   |
| <i>Tetrachlorobenzenes, all isomers</i>  | Several    | All           | Usage ban  |     |     |     |       |                 |   |
| <b>Chlorinated Toluenes</b>              | Several    |               |            |     |     |     |       |                 |   |
| Pentachlorotoluene                       | 877-11-2   | All           | Usage ban  | 1.0 |     |     | mg/kg | EN 17137 (2024) | Usage ban 1.0 mg/kg for every allocated Member/Substance.<br>Single substances listed in Annex.   |
| Chlorotoluene, unspecific mixture        | 25168-05-2 | All           | Usage ban  | 1.0 |     |     | mg/kg |                 |   |
| <i>Monochlorotoluenes, all isomers</i>   | Several    | All           | Usage ban  |     |     |     |       |                 |   |
| <i>Dichlorotoluenes, all isomers</i>     | Several    | All           | Usage ban  |     |     |     |       |                 |   |
| <i>Trichlorotoluenes, all isomers</i>    | Several    | All           | Usage ban  |     |     |     |       |                 |   |
| <i>Tetrachlorotoluenes, all isomers</i>  | Several    | All           | Usage ban  |     |     |     |       |                 |   |

| Chemical Name   | CAS Number | Sector Of Use | Limit type | A    | B   | C     | Unit  | Test Method                               | Comment                                   |
|---|------------|---------------|------------|------|-----|-------|-------|---|---|
| <b>Chlorinated Phenols</b>                                |            |               |            |      |     |       |       |   |   |
| <i>Trichlorophenol, all isomers</i>                       | 25167-82-2 | All           | Usage ban  | 0.05 | 0.5 | 0.5   | mg/kg | EN 17134-2:2023<br>EN ISO 17070 (Leather) | For sum of all allocated TriCPs.          |
| 2,3,4-Trichlorophenol                                     | 15950-66-0 |               |            |      |     |       |       |   |   |
| 2,3,5-Trichlorophenol                                     | 933-78-8   |               |            |      |     |       |       |   |   |
| 2,3,6-Trichlorophenol                                     | 933-75-5   |               |            |      |     |       |       |   |   |
| 2,4,5-Trichlorophenol                                     | 95-95-4    |               |            |      |     |       |       |   |   |
| 2,4,6-Trichlorophenol                                     | 88-06-2    |               |            |      |     |       |       |   |   |
| 3,4,5-Trichlorophenol                                     | 609-19-8   |               |            |      |     |       |       |   |   |
| <i>Tetrachlorophenol, its salts and compounds</i>         | 25167-83-3 | All           | Usage ban  | 0.05 | 0.5 | 0.5   | mg/kg | EN 17134-2:2023<br>EN ISO 17070 (Leather) | For sum of all allocated TeCPs.           |
| 2,3,4,5-Tetrachlorophenol                                 | 4901-51-3  |               |            |      |     |       |       |   |   |
| 2,3,4,6-Tetrachlorophenol                                 | 58-90-2    |               |            |      |     |       |       |   |   |
| 2,3,5,6-Tetrachlorophenol                                 | 935-95-5   |               |            |      |     |       |       |   |   |
| <i>Pentachlorophenol, its salts, esters and compounds</i> | Several    | All           | Usage ban  | 0.05 | 0.5 | 0.5   | mg/kg | EN 17134-2:2023<br>EN ISO 17070 (Leather) | For sum of all allocated PCPs.            |
| Pentachlorophenol   | 87-86-5    |               |            |      |     |       |       |   |   |
| <b><i>Mono- and Dichlorophenols</i></b>                   | Several    | All           | Usage ban  | 1.0  |     | mg/kg |       | EN 17134-2:2023<br>EN ISO 17070 (Leather) | For sum of all allocated Mono- and DiCPs. |
| <i>Monochlorophenols, all isomers</i>                     | 25167-80-0 |               |            |      |     |       |       |   |   |
| 2-Chlorophenol  | 95-57-8    |               |            |      |     |       |       |   |   |
| 3-Chlorophenol  | 108-43-0   |               |            |      |     |       |       |   |   |
| 4-Chlorophenol  | 106-48-9   |               |            |      |     |       |       |   |   |

| Chemical Name                | CAS Number | Sector Of Use | Limit type | A | B | C | Unit | Test Method | Comment |
|------------------------------|------------|---------------|------------|---|---|---|------|-------------|---------|
| <b>Chlorinated Phenols</b>   |            |               |            |   |   |   |      |             |         |
| Dichlorophenols, all isomers | 25167-81-1 |               |            |   |   |   |      |             |         |
| 2,3-Dichlorophenol           | 576-24-9   |               |            |   |   |   |      |             |         |
| 2,4-Dichlorophenol           | 120-83-2   |               |            |   |   |   |      |             |         |
| 2,5-Dichlorophenol           | 583-78-8   |               |            |   |   |   |      |             |         |
| 2,6-Dichlorophenol           | 87-65-0    |               |            |   |   |   |      |             |         |
| 3,4-Dichlorophenol           | 95-77-2    |               |            |   |   |   |      |             |         |
| 3,5-Dichlorophenol           | 591-35-5   |               |            |   |   |   |      |             |         |

| Chemical Name  | CAS Number | Sector Of Use | Limit type | A  | B | C | Unit  | Test Method      | Comment   |
|--|------------|---------------|------------|----|---|---|-------|------------------|---|
| <b>Colorants</b>   |            |               |            |    |   |   |       |                  |   |
| <b>Colorants with carcinogenic potential</b>   | Several    | All           | Usage ban  |    |   |   |       | DIN 54231 (2022) | Usage ban 20 mg/kg for every allocated Member/Substance |
| Acid Red 26  | 3761-53-3  | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Leucomalachite green   | 129-73-7   | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Basic Red 9  | 569-61-9   | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Basic Violet 14  | 632-99-5   | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Direct Black 38  | 1937-37-7  | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Direct Blue 6  | 2602-46-2  | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Direct Brown 95  | 16071-86-6 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Direct Red 28  | 573-58-0   | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Blue 1  | 2475-45-8  | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Orange 11   | 82-28-0    | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Yellow 3  | 2832-40-8  | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Pigment Yellow 34  | 1344-37-2  | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Pigment Red 104  | 12656-85-8 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Solvent Red 80   | 6358-53-8  | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Solvent Violet 8 - with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) | 561-41-1   | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Solvent Yellow 2   | 60-11-7    | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| <i>Basic Green 4 - (Malachite Green)</i>   | Several    | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |

| Chemical Name                              | CAS Number               | Sector Of Use | Limit type | A  | B | C | Unit  | Test Method      | Comment   |
|--|--------------------------|---------------|------------|----|---|---|-------|------------------|---|
| <b>Colorants</b>                           |                          |               |            |    |   |   |       |                  |   |
| Malachite green                            | 10309-95-2               |               |            |    |   |   |       |                  |   |
| Malachite green chloride                   | 569-64-2                 |               |            |    |   |   |       |                  |   |
| Malachite green oxalate                    | 2437-29-8                |               |            |    |   |   |       |                  |   |
| <b>Colorants with allergenic potential</b> | Several                  | All           | Usage ban  |    |   |   |       |                  | Usage ban 20 mg/kg for every allocated Member/Substance |
| Disperse Blue 3                            | 2475-46-9                | All           | Usage ban  | 20 |   |   | mg/kg | DIN 54231 (2022) |   |
| Disperse Blue 7                            | 3179-90-6                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Blue 26                           | 3860-63-7                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Blue 102                          | 12222-97-8<br>69766-79-6 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Blue 106                          | 12223-01-7<br>68516-81-4 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Blue 124                          | 61951-51-7<br>15141-18-1 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Brown 1                           | 23355-64-8               | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Orange 1                          | 2581-69-3                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Orange 3                          | 730-40-5                 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Red 1                             | 2872-52-8                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Red 11                            | 2872-48-2                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Red 17                            | 3179-89-3                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Yellow 1                          | 119-15-3                 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Yellow 9                          | 6373-73-5                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Yellow 39                         | 12236-29-2               | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |

| Chemical Name   | CAS Number              | Sector Of Use | Limit type | A  | B | C | Unit  | Test Method      | Comment   |
|---|-------------------------|---------------|------------|----|---|---|-------|------------------|---|
| <b>Colorants</b>  |                         |               |            |    |   |   |       |                  |   |
| Disperse Yellow 49  | 54824-37-2<br>6858-49-7 | All           | Usage ban  | 20 |   |   | mg/kg | DIN 54231 (2022) | Usage ban 20 mg/kg for every allocated Member/Substance |
| Solvent Yellow 14   | 842-07-9                | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| <i>Disperse Blue 35</i>   | Several                 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Disperse Blue 35 [1]  | 12222-75-2              |               |            |    |   |   |       |                  |   |
| Disperse Blue 35 [2]  | 56524-77-7              |               |            |    |   |   |       |                  |   |
| Disperse Blue 35 B  | 56524-76-6              |               |            |    |   |   |       |                  |   |
| <i>Disperse Orange 37/59/76</i>   | Several                 | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| 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              |               |            |    |   |   |       |                  |   |
| <b>Colorants banned for other reasons</b>   | Several                 | All           | Usage ban  |    |   |   |       | DIN 54231 (2022) | Usage ban 20 mg/kg for every allocated Member/Substance |
| Acid Orange 24  | 1320-07-6               | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Acid Violet 49  | 1694-09-3               | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Basic Blue 26 - with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) | 2580-56-5               | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Basic Violet 1  | 8004-87-3               | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Direct Black 91   | 6739-62-4               | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Direct Blue 76  | 16143-79-6              | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |
| Direct Blue 218   | 28407-37-6              | All           | Usage ban  | 20 |   |   | mg/kg |                  |   |

| Chemical Name  | CAS Number  | Sector Of Use | Limit type | A  | B | C | Unit  | Test Method | Comment          |
|--|-------------|---------------|------------|----|---|---|-------|-------------|------------------|
| <b>Colorants</b>   |             |               |            |    |   |   |       |             |                  |
| Direct Yellow 1  | 6472-91-9   | All           | Usage ban  | 20 |   |   | mg/kg |             |                  |
| Disperse Yellow 23   | 6250-23-3   | All           | Usage ban  | 20 |   |   | mg/kg |             |                  |
| Disperse Orange 149  | 85136-74-9  | All           | Usage ban  | 20 |   |   | mg/kg |             |                  |
| Solvent Blue 4   | 6786-83-0   | All           | Usage ban  | 20 |   |   | mg/kg |             |                  |
| <i>Basic Violet 3</i>  | Several     | All           | Usage ban  | 20 |   |   | mg/kg |             |                  |
| 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    | All           | Usage ban  | 20 |   |   | mg/kg |             | DIN 54231 (2022) |
| <i>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</i> | Several     | All           | Usage ban  | 20 |   |   | mg/kg |             |                  |
| 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 |               |            |    |   |   |       |             |                  |

| Chemical Name  | CAS Number | Sector Of Use | Limit type | A | B | C | Unit | Test Method      | Comment  |
|--|------------|---------------|------------|---|---|---|------|------------------|--|
| <b>Colorants</b>   |            |               |            |   |   |   |      |                  |  |
| Trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphthalolato)chromat |            |               |            |   |   |   |      |                  |  |
| <b>Colorants which can cleave in carcinogenic amines</b>   | Several    | All           | Usage ban  |   |   |   |      | DIN 54231 (2022) | Usage ban 20 mg/kg for every allocated Member/Substance.<br>Single substances listed in Annex. |

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

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

| Chemical Name   | CAS Number | Sector Of Use | Limit type | A   | B   | C | Unit  | Test Method  | Comment  |
|---|------------|---------------|------------|-----|-----|---|-------|--|--|
| <b>Flame retardants</b>   |            |               |            |     |     |   |       |  |  |
| Tetrabromobisphenol A - (TBPP A)                                  | 79-94-7    | All           | Usage ban  | 5.0 |     |   | mg/kg | EN ISO 17881-1 (2016)<br><br>EN ISO 17881-2 (2016) |  |
| Tetrabromobisphenol A bis(2,3-dibromopropylether)                 | 21850-44-2 | All           | Usage ban  | 5.0 |     |   | mg/kg |  |  |
| Bis(2-ethylhexyl) tetrabromophthalate                             | 26040-51-7 | All           | Usage ban  | 5.0 |     |   | mg/kg |  |  |
| Tri(aziridin-1-yl) phosphine oxide - (TEPA)                       | 545-55-1   | All           | Usage ban  | 5.0 |     |   | mg/kg |  |  |
| 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 |  |  |
| 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.<br>Antimony as content. Usage as flame retardant in usage range C only if proper risk assessment shows that the application is safe for humans. |
| Dimethyl propylphosphonate  | 18755-43-6 | All           | Usage ban  | 5.0 |     |   | mg/kg | ISO 17881-2 (2016)                                 | Articles shall comply latest 01 July 2027.   |

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

| Chemical Name  | CAS Number   | Sector Of Use | Limit type | A   | B | C | Unit  | Test Method           | Comment  |
|--|--------------|---------------|------------|-----|---|---|-------|-----------------------|--|
| <b>Flame retardants</b>  |              |               |            |     |   |   |       |                       |  |
|  | 85535-85-9   | Leather       | Usage ban  | 100 |   |   | mg/kg | ISO 18219 (2021)      |  |
| Alkanes, C14-16, chloro  | 1372804-76-6 |               |            |     |   |   |       |                       |  |
| Di-, tri- and tetrachlorotetradecane   |              |               |            |     |   |   |       |                       |  |
| Tetradecane, chloro derivs.  | 198840-65-2  |               |            |     |   |   |       |                       |  |
| <b><i>Hexabromocyclododecan, all isomers - group for all major diastereoisomers identified</i></b> | Several      | All           | Usage ban  | 5.0 |   |   | mg/kg | EN ISO 17881-1 (2016) |  |
| Hexabromocyclododecane   | 25637-99-4   |               |            |     |   |   |       |                       |  |
| 1,2,5,6,9,10-Hexabromocyclododecane  | 3194-55-6    |               |            |     |   |   |       |                       |  |
| $\alpha$ -Hexabromocyclododecane   | 134237-50-6  |               |            |     |   |   |       |                       |  |
| $\beta$ -Hexabromocyclododecane  | 134237-51-7  |               |            |     |   |   |       |                       |  |
| $\mu$ -Hexabromocyclododecane  | 134237-52-8  |               |            |     |   |   |       |                       |  |
| <b><i>Polybrominated diphenyl ethanes</i></b>  | Several      |               |            |     |   |   |       |                       |  |
| Decabromodiphenylethane (DBDPE)  | 84852-53-9   | All           | Usage ban  | 5.0 |   |   | mg/kg |                       |  |
| <b><i>Polybrominated diphenyl ethers</i></b>   | Several      | All           | Usage ban  |     |   |   |       |                       | Usage ban 5.0 mg/kg for every allocated Member/Substance               |
| Decabromodiphenyl ether - (DecaBDE)  | 1163-19-5    | All           | Usage ban  | 5.0 |   |   | mg/kg |                       |  |
| <i>Monobromodiphenyl ether - (MonoBDE)</i>   | Several      | All           | Usage ban  | 5.0 |   |   | mg/kg |                       | Limit valid for sum of all isomers. Single substances listed in Annex. |
| <i>Tribromodiphenyl ether - (TriBDE)</i>   | 49690-94-0   | All           | Usage ban  | 5.0 |   |   | mg/kg |                       |  |

| Chemical Name                                | CAS Number | Sector Of Use | Limit type | A   | B | C | Unit  | Test Method | Comment                            |
|--|------------|---------------|------------|-----|---|---|-------|-------------|------------------------------------|
| <b>Flame retardants</b>                      |            |               |            |     |   |   |       |             |                                    |
| <i>Tetrabromodiphenyl ether - (TetraBDE)</i> | 40088-47-9 | All           | Usage ban  | 5.0 |   |   | mg/kg |             | Single substances listed in Annex. |
| <i>Pentabromodiphenyl ether - (PentaBDE)</i> | 32534-81-9 | All           | Usage ban  | 5.0 |   |   | mg/kg |             |                                    |
| <i>Hexabromodiphenyl ether - (HexaBDE)</i>   | 36483-60-0 | All           | Usage ban  | 5.0 |   |   | mg/kg |             |                                    |
| <i>Heptabromodiphenyl ether - (HeptaBDE)</i> | 68928-80-3 | All           | Usage ban  | 5.0 |   |   | mg/kg |             | Single substances listed in Annex. |
| <i>Octabromodiphenyl ether - (OctaBDE)</i>   | 32536-52-0 | All           | Usage ban  | 5.0 |   |   | mg/kg |             |                                    |
| <i>Nonabromodiphenyl ether - (NonaBDE)</i>   | 63936-56-1 | All           | Usage ban  | 5.0 |   |   | mg/kg |             |                                    |

| Chemical Name             | CAS Number | Sector Of Use   | Limit type | A   | B   | C     | Unit   | Test Method  | Comment |  |
|---------------------------|------------|---|------------|-----|-----|-------|--|--|---------|--|
| <b>Glycols</b>            |            |   |            |     |     |       |  |  |         |  |
| Bis(2-methoxyethyl) ether | 111-96-6   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>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-Butoxyethanol           | 111-76-2   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Limitation | 50  | 100 | 100   | mg/kg  | GC-MS // Extraction with Methanol                            |         |  |
|                           | 111-76-2   | Plastic article   | Limitation | 50  | 100 | 100   | mg/kg  | GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol |         |  |
| 2-Butoxyethyl acetate     | 112-07-2   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Limitation | 10  | 100 | 100   | mg/kg  | GC-MS // Extraction with Methanol                            |         |  |
|                           | 112-07-2   | Plastic article   | Limitation | 10  | 100 | 100   | mg/kg  | GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol |         |  |
| 2-Ethoxyethanol           | 110-80-5   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>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<br>Down/feather<br>Leather<br>Metal parts<br>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 |
|--------------------------------|------------|---|------------|-----|-----|-----|-------|--|---------|
| <b>Glycols</b>                 |            |   |            |     |     |     |       |  |         |
|                                | 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<br>Down/feather<br>Leather<br>Metal parts<br>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 |         |
|                                | 109-86-4   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // Extraction with Methanol                            |         |
| 2-Methoxyethanol               | 109-86-4   | Plastic article   | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol |         |
|                                | 110-49-6   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // Extraction with Methanol                            |         |
| 2-Methoxyethyl acetate         | 110-49-6   | Plastic article   | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // Extraction with Methanol                            |         |
|                                | 111-77-3   | Plastic article   | Limitation | 1.0 | 10  | 100 | mg/kg | GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol |         |
| 2-(2-Methoxyethoxy) ethanol    | 111-77-3   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Limitation | 1.0 | 10  | 100 | mg/kg | GC-MS // Extraction with Methanol                            |         |
|                                | 107-98-2   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Limitation | 50  | 200 | 200 | mg/kg |  |         |

| Chemical Name                     | CAS Number | Sector Of Use   | Limit type | A   | B   | C   | Unit  | Test Method  | Comment |
|-----------------------------------|------------|---|------------|-----|-----|-----|-------|--|---------|
| <b>Glycols</b>                    |            |   |            |     |     |     |       |  |         |
|                                   | 107-98-2   | Plastic article   | Limitation | 50  | 200 | 200 | mg/kg | GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol |         |
| 2-Methoxy-1-propanol              | 1589-47-5  | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // Extraction with Methanol                            |         |
|                                   | 1589-47-5  | Plastic article   | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol |         |
|                                   | 70657-70-4 | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // Extraction with Methanol                            |         |
| 2-Methoxypropyl acetate           | 70657-70-4 | Plastic article   | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol |         |
|                                   | 112-49-2   | Textiles<br>Down/feather<br>Leather<br>Metal parts<br>Rubber articles | Usage ban  | 5.0 |     |     | mg/kg | GC-MS // Extraction with Methanol                            |         |
| Triethylene glycol dimethyl ether | 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   |
|--------------------------------------|------------|---------------|------------|---|---|---|-------|---|---|
| <b>Greenhouse Gases, fluorinated</b> |            |               |            |   |   |   |       |   |   |
| <b>Greenhouse Gases, fluorinated</b> | Several    | All           | Usage ban  |   |   |   | mg/kg | Sample preparation: Purge and trap — thermal desorption or SPME<br>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  |
|---|------------|---------------|------------|-----|---|---|-------|-----------------------|--|
| <b>Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes</b> |            |               |            |     |   |   |       |                       |  |
| <b>Polybrominated Biphenyls</b>   | 59536-65-1 | All           | Usage ban  | 5.0 |   |   | mg/kg | EN ISO 17881-1 (2016) | For sum of all allocated Members/Substances.   |
| Monobromo biphenyl  | 26264-10-8 |               |            |     |   |   |       | EN ISO 17881-1 (2016) |  |
| Dibromobiphenyl   | 27479-65-8 |               |            |     |   |   |       |                       |  |
| Hexabromo biphenyl  | 36355-01-8 | All           | Usage ban  | 0.5 |   |   | mg/kg |                       |  |
| Octabromobiphenyl   | 27858-07-7 |               |            |     |   |   |       |                       |  |
| Nonabromobiphenyl   | 27753-52-2 |               |            |     |   |   |       |                       |  |
| Decabromo-1,1'-biphenyl   | 13654-09-6 |               |            |     |   |   |       |                       |  |
| <b>Polychlorinated Biphenyls</b>  | 1336-36-3  | All           | Usage ban  | 1.0 |   |   | mg/kg | ISO/TR 17881-3 (2018) | For sum of all allocated Members/Substances.   |
| <b>Polychlorinated Terphenyls</b>   | 61788-33-8 | All           | Usage ban  | 1.0 |   |   | mg/kg |                       |  |
| <b>Polybrominated Terphenyls</b>  | Several    | All           | Usage ban  | 1.0 |   |   | mg/kg | EN ISO 17881-1 (2016) |  |
| <b>Polychlorinated Naphthalenes</b>   | 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.                             |
| Monochloro naphthalene  | 25586-43-0 | All           | Usage ban  | 0.5 |   |   | mg/kg |                       | Articles shall comply latest 01 July 2027.<br>For sum of all allocated Members/Substances.<br>Single substances listed in Annex. |
| Dichloro naphthalene  | 28699-88-9 | All           | Usage ban  | 0.5 |   |   | mg/kg |                       | For sum of all allocated Members/Substances.<br>Single substances listed in Annex.<br>Articles shall comply latest 01 July 2027. |
| Trichloro naphthalene   | 1321-65-9  | All           | Usage ban  | 0.5 |   |   | mg/kg |                       | Articles shall comply latest 01 July 2027.   |
| Tetrachloro naphthalene   | 1335-88-2  | All           | Usage ban  | 0.5 |   |   | mg/kg |                       |  |
| Pentachloro naphthalene   | 1321-64-8  | All           | Usage ban  | 0.5 |   |   | mg/kg |                       |  |
| Hexachloro naphthalene  | 1335-87-1  | All           | Usage ban  | 0.5 |   |   | mg/kg |                       |  |

| Chemical Name   | CAS Number | Sector Of Use | Limit type | A   | B | C | Unit  | Test Method   | Comment |
|---|------------|---------------|------------|-----|---|---|-------|---|---------|
| <b>Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes</b> |            |               |            |     |   |   |       |   |         |
| <i>Heptachloro naphthalene</i>  | 32241-08-0 | All           | Usage ban  | 0.5 |   |   | mg/kg | GC-MS // Extraction following DIN EN 62321-6 (2016) |         |
| <i>Octachloro naphthalene</i>   | 2234-13-1  | All           | Usage ban  | 0.5 |   |   | mg/kg |   |         |
| <b>Polybrominated Naphthalenes</b>  | Several    | All           | Usage ban  | 0.5 |   |   | mg/kg |   |         |

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

| Chemical Name   | CAS Number | Sector Of Use | Limit type | A   | B | C | Unit  | Test Method       | Comment  |
|---|------------|---------------|------------|-----|---|---|-------|-------------------|--|
| <b>Isocyanates</b>  |            |               |            |     |   |   |       |                   |  |
| <b>Isocyanates</b>  | Several    | All           | Limitation | 1.0 |   |   | mg/kg | EN 13130-8 (2004) | Free content applies to sum of all allocated isocyanates |
| 1,3-Bis(isocyanatomethyl)benzene  | 3634-83-1  |               |            |     |   |   |       |                   |  |
| Dicyclohexylmethane-4,4-di-isocyanate   | 5124-30-1  |               |            |     |   |   |       |                   |  |
| 2,6-Diisopropylphenyl-isocyanate  | 28178-42-9 |               |            |     |   |   |       |                   |  |
| Hexamethylene-di-isocyanate   | 822-06-0   |               |            |     |   |   |       |                   |  |
| Isophorone-di-isocyanate  | 4098-71-9  |               |            |     |   |   |       |                   |  |
| Naphthylene-1,5-di-isocyanate - [containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 3173-72-6  |               |            |     |   |   |       |                   |  |
| Phenylisocyanate  | 103-71-9   |               |            |     |   |   |       |                   |  |
| Tetramethylxylene-di-isocyanate   | 2778-42-9  |               |            |     |   |   |       |                   |  |
| 2,4,6-Trimethyl-1,3-phenylene diisocyanate  | 16959-10-7 |               |            |     |   |   |       |                   |  |
| <b>Diphenylmethane-di-isocyanates</b>   | 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 |               |            |     |   |   |       |                   |  |
| Methylenediphenyl diisocyanate - technical grade  | 9016-87-9  |               |            |     |   |   |       |                   |  |
| <b>Toluene-di-isocyanates</b>   | Several    |               |            |     |   |   |       |                   |  |

| Chemical Name             | CAS Number | Sector Of Use | Limit type | A | B | C | Unit | Test Method | Comment |
|---------------------------|------------|---------------|------------|---|---|---|------|-------------|---------|
| <b>Isocyanates</b>        |            |               |            |   |   |   |      |             |         |
| Toluene-2,4-di-isocyanate | 584-84-9   |               |            |   |   |   |      |             |         |
| Toluene-2,6-di-isocyanate | 91-08-7    |               |            |   |   |   |      |             |         |
| 2,4-/2,6-TDI mixture      | 26471-62-5 |               |            |   |   |   |      |             |         |

| Chemical Name                            | CAS Number | Sector Of Use  | Limit type | A    | B  | C  | Unit  | Test Method   | Comment   |
|--|------------|--|------------|------|----|----|-------|---|---|
| <b>Metals</b>                            |            |  |            |      |    |    |       |   |   |
| <b>Antimony, its salts and compounds</b> | Several    |  |            |      |    |    |       |   |   |
| Antimony - as content                    | 7440-36-0  | Down/feather<br>Polymer parts<br>Metal parts             | Limitation | 60   |    |    | mg/kg | EN 71-3 (2019) // Acidic solution migration simulating gastric juices<br>DIN EN ISO 17294-2 (2017)<br>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.   |
| <b>Arsenic, its salts and compounds</b>  | 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 .<br>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 .<br>Single substances listed in the BSSL Annex.   |
|  | 7440-38-2  | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10   |    |    | mg/kg | DIN EN 16711-1 (2016) // Total content  |   |
|  | 7440-38-2  | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 0.2  |    |    | mg/kg | DIN EN 16711-2 (2016) // Acidic sweat solution  | As extractable metal content.<br>Single substances listed in the BSSL Annex.                                    |
| <b>Barium, its salts and compounds</b>   | Several    |  |            |      |    |    |       |   |   |
| Barium - as content                      | 7440-39-3  | All  | Limitation | 1000 |    |    | mg/kg | EN 71-3 (2019) // Acidic solution migration simulating gastric juices<br>DIN EN ISO 17294-2 (2017)<br>DIN EN ISO 11885 (2009) | As extractable metal content.<br>Single substances listed in the BSSL Annex.                                    |

| Chemical Name  | CAS Number | Sector Of Use                                | Limit type | A   | B     | C   | Unit   | Test Method | Comment |
|--|------------|--|------------|-----|-------|---|--|-------------|---------|
| <b>Metals</b>  |            |  |            |     |       |   |  |             |         |
| <b>Cadmium, its salts and compounds</b>  | Several    |  |            |     |       |   |  |             |         |
| Cadmium - as content   | 7440-43-9  | Textiles<br>Down/feather<br>Polymer parts    | Usage ban  | 0.1 | mg/kg | DIN EN 16711-2 (2016) // Acidic sweat solution  | As extractable metal content.<br>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.<br>Single substances listed in the BSSL Annex.   |             |         |
|  | 7440-43-9  | Textiles<br>Down/feather<br>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.<br>Single substances listed in the BSSL Annex.   |             |         |
| <b>Chromium, its salts and compounds - except Chromium VI, its salts and compounds</b> | 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<br>Polymer parts<br>Metal parts | Limitation | 60  | mg/kg | EN 71-3 (2019) // Acidic solution migration simulating gastric juices<br>DIN EN ISO 17294-2 (2017)<br>DIN EN ISO 11885 (2009) | As extractable metal content.<br>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.<br>Chromium extractable leather limit applies only for the leather that is not tanned with chromium.        |             |         |
| <b>Chromium VI, its salts and compounds</b>  | Several    |  |            |     |       |   |  |             |         |

| Chemical Name                          | CAS Number | Sector Of Use                                | Limit type | A   | B   | C   | Unit  | Test Method  | Comment  |
|--|------------|--|------------|-----|-----|-----|-------|--|--|
| <b>Metals</b>                          |            |  |            |     |     |     |       |  |  |
| Chromium VI - as content               | 18540-29-9 | Leather                                      | Usage ban  | 3.0 |     |     | mg/kg | DIN EN ISO 4044 (2017)<br>EN ISO 17075-1 (2017)<br>EN ISO 17075-2 (2017) | As extractable metal content.<br>Thermal pre-ageing test required in advance:<br>ISO 10195:2018.<br>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.<br>Single substances listed in the BSSL Annex.   |
|  | 18540-29-9 | Textiles<br>Down/feather<br>Polymer parts    | Usage ban  | 0.5 |     |     | mg/kg | EN ISO 17075-2 (2017)  |  |
| <b>Cobalt, its salts and compounds</b> | Several    |  |            |     |     |     |       |  |  |
| Cobalt - as content                    | 7440-48-4  | Down/feather<br>Polymer parts<br>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.<br>Single substances listed in the BSSL Annex. |
|  | 7440-48-4  | Textiles                                     | Limitation | 1.0 |     |     | mg/kg | DIN EN 16711-2 (2016) // Acidic sweat solution                           |  |
| <b>Copper, its salts and compounds</b> | 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                           |  |
| <b>Lead, its salts and compounds</b>   | 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.<br>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.<br>Single substances listed in the BSSL Annex.   |

| Chemical Name                            | CAS Number | Sector Of Use  | Limit type | A    | B   | C   | Unit                     | Test Method  | Comment   |
|--|------------|--|------------|------|-----|-----|--------------------------|--|---|
| <b>Metals</b>                            |            |  |            |      |     |     |                          |  |   |
|  | 7439-92-1  | Textiles<br>Down/feather<br>Polymer parts                | Usage ban  | 40   |     |     | mg/kg                    | DIN EN 16711-1 (2016) // Total content   | As total metal content.<br>Single substances listed in the BSSL Annex.  |
|  | 7439-92-1  | Textiles<br>Down/feather<br>Polymer parts                | Usage ban  | 0.2  | 1.0 | 1.0 | mg/kg                    | DIN EN 16711-2 (2016) // Acidic sweat solution   | As extractable metal content.<br>Single substances listed in the BSSL Annex.  |
| <b>Mercury, its salts and compounds</b>  | Several    |  |            |      |     |     |                          |  |   |
| Mercury - as content                     | 7439-97-6  | Metal parts  | Usage ban  | 60   |     |     | mg/kg                    | EN 71-3 (2019) // Acidic solution migration simulating gastric juices<br>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<br>Down/feather<br>Polymer parts                | Usage ban  | 0.02 |     |     | mg/kg                    | DIN EN 16711-2 (2016) // Acidic sweat solution   |   |
| <b>Nickel, its salts and compounds</b>   | Several    |  |            |      |     |     |                          |  |   |
| Nickel - as content                      | 7440-02-0  | Down/feather<br>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<br>Metal parts                             | Usage ban  | 0.5  | 0.5 |     | µg/cm <sup>2</sup> /week | EN 12472 (2020)<br>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. |
| <b>Selenium, its salts and compounds</b> | Several    |  |            |      |     |     |                          |  |   |
| Selenium - as content                    | 7782-49-2  | Textiles<br>Down/feather<br>Polymer parts<br>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 |
|---|------------|---------------------|------------|-----|-------|---|--|---|---------|
| <b>Metals</b>                                 |            |                     |            |     |       |   |  |   |         |
|   | 7782-49-2  | Leather             | Limitation | 500 | mg/kg |   | EN ISO 17072-1 (2019) // Acidic sweat solution |   |         |
| <b><i>Silver, its salts and compounds</i></b> | Several    |                     |            |     |       |   |  |   |         |
| Silver - as content                           | 7440-22-4  | Textiles<br>Leather | Limitation |     |       |   |  | Approval for silver components with biocidal activity only granted if proper risk assessment shows there is no harm for the people and the environment.<br><br>Approval only possible if allowed and/or not forbidden in the EU (BPR on ECHA website).<br><br>e.g. use of nano silver is not allowed in the EU for textile application. |         |

| Chemical Name          | CAS Number | Sector Of Use   | Limit type | A   | B  | C   | Unit  | Test Method  | Comment   |
|------------------------|------------|---|------------|-----|----|-----|-------|--|-----------|
| <b>Monomers</b>        |            |   |            |     |    |     |       |  |           |
| Acrylamide             | 79-06-1    | All   | Usage ban  | 1.0 |    |     | mg/kg | CEN/TS 13130-10 (2005)   |           |
| Acrylonitrile          | 107-13-1   | All   | Usage ban  | 1.0 |    |     | mg/kg | EN 13130-3 (2004)  |           |
| 2-Chlorobuta-1,3-diene | 126-99-8   | All   | Monitoring | 1.0 |    |     | mg/kg | According to BVL B 80.30-22  | Usage ban |
| 4-Cyanocyclohexene     | 100-45-8   | All   | Monitoring | 50  |    |     | mg/kg | GC-MS // Headspace   |           |
| Epichlorohydrin        | 106-89-8   | All   | Usage ban  | 1.0 |    |     | mg/kg | CEN/TS 13130-20 (2005)   |           |
| Methacrylamide         | 79-39-0    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Limitation | 1.0 | 10 | 50  | mg/kg | GC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol<br>LC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol |           |
|                        | 79-39-0    | Textiles  | Limitation | 1.0 | 10 | 50  | mg/kg | GC-MS // 2-Step extraction with Acetone/Hexane and Methanol<br>LC-MS // 2-Step extraction with Acetone/Hexane and Methanol   |           |
| N-Methylolacrylamide   | 924-42-5   | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 1.0 | 10 | 10  | mg/kg | GC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol<br>LC-MS // 3-Step extraction with Tetrahydrofuran, Acetone/Hexane (ASE or Soxhlet) and Methanol |           |
|                        | 924-42-5   | Textiles  | Usage ban  | 1.0 | 10 | 10  | mg/kg | GC-MS // 2-Step extraction with Acetone/Hexane and Methanol<br>LC-MS // 2-Step extraction with Acetone/Hexane and Methanol   |           |
| Styrene                | 100-42-5   | All   | Limitation | 10  | 10 | 100 | mg/kg | GC-MS // Extraction with Methanol  |           |
| Tetrafluoroethylene    | 116-14-3   | Leather   | Usage ban  | 1.0 |    |     | mg/kg | EN ISO 23702-1 (2018)  |           |

| Chemical Name         | CAS Number | Sector Of Use  | Limit type | A          | B   | C   | Unit  | Test Method  | Comment |
|-----------------------|------------|--|------------|------------|-----|-----|-------|--|---------|
| <b>Monomers</b>       |            |  |            |            |     |     |       |  |         |
|                       | 116-14-3   | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1.0        |     |     | mg/kg | CEN/TS 15968 (2014)  |         |
| N-Vinyl-2-pyrrolidone | 88-12-0    | Leather  | Limitation | 1.0        |     |     | mg/kg | EN ISO 19070 (2016)  |         |
|                       | 88-12-0    | Textiles   | Limitation | 1.0        |     |     | mg/kg | EN 17131 (2019)<br>ISO 16189 (2021)  |         |
|                       | 88-12-0    | Down/feather<br>Polymer parts<br>Metal parts             | Limitation | 1.0        |     |     | mg/kg | ISO 16189 (2021)   |         |
| Vinyl acetate         | 108-05-4   | All  | Limitation | 10         | 50  | 50  | mg/kg | GC-MS // Headspace   |         |
| Vinyl chloride        | 75-01-4    | 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<br>EN 13130-6 (2004) // Headspace GC-FID |         |
| 1-Vinylimidazole      | 1072-63-5  | All  | Usage ban  | 50         | 200 | 200 | mg/kg | GC-MS // Extraction with Acetone   |         |
| <b>Acrylates</b>      |            | Several  | All        | Limitation | 5   |     | mg/kg | GC-MS // Headspace<br>LC-MS // Extraction with Methanol                        |         |
| Acrylic acid          | 79-10-7    | All  | Limitation | 5          |     |     | mg/kg | LC-MS // Extraction with Methanol  |         |
| Butyl acrylate        | 141-32-2   | All  | Limitation | 10         | 50  | 100 | mg/kg | GC-MS // Headspace   |         |
| tert-Butylacrylate    | 1663-39-4  | All  | Limitation | 10         | 10  | 100 | mg/kg |  |         |
| Butyl methacrylate    | 97-88-1    | All  | Limitation | 10         | 10  | 100 | mg/kg |  |         |
| Ethyl acrylate        | 140-88-5   | All  | Limitation | 1.0        |     |     | mg/kg |  |         |
| 2-Ethylhexyl acrylate | 103-11-7   | All  | Limitation | 50         | 50  | 100 | mg/kg |  |         |
| Ethyl methacrylate    | 97-63-2    | All  | Limitation | 10         | 10  | 100 | mg/kg |  |         |

| Chemical Name               | CAS Number | Sector Of Use | Limit type | A  | B  | C   | Unit  | Test Method                       | Comment |
|-----------------------------|------------|---------------|------------|----|----|-----|-------|-----------------------------------|---------|
| <b>Monomers</b>             |            |               |            |    |    |     |       |                                   |         |
| 2-Hydroxyethyl methacrylate | 868-77-9   | All           | Limitation | 50 | 50 | 100 | mg/kg |                                   |         |
| Methacrylic acid            | 79-41-4    | All           | Limitation | 10 | 50 | 100 | mg/kg | LC-MS // Extraction with Methanol |         |
| 2-Methoxyethyl acrylate     | 3121-61-7  | All           | Limitation | 10 | 50 | 50  | mg/kg | GC-MS // Headspace                |         |
| Methyl acrylate             | 96-33-3    | All           | Limitation | 5  | 20 | 20  | mg/kg |                                   |         |
| Methyl methacrylate         | 80-62-6    | All           | Limitation | 10 | 10 | 100 | mg/kg |                                   |         |
| Octadecyl acrylate          | 4813-57-4  | All           | Limitation | 50 | 50 | 100 | mg/kg |                                   |         |
| 2-Phenoxyethyl acrylate     | 48145-04-6 | All           | Limitation | 50 | 50 | 100 | mg/kg |                                   |         |

| Chemical Name                 | CAS Number   | Sector Of Use | Limit type | A   | B     | C | Unit | Test Method                              | Comment   |
|-------------------------------|--------------|---------------|------------|-----|-------|---|------|--|---|
| <b>Nitrosamines</b>           |              |               |            |     |       |   |      |  |   |
| <b>Nitrosamines</b>           | Several      | All           | Usage ban  |     |       |   |      | GB/T 24513 (2009)<br>EN ISO 19577 (2019) | As substance and as reaction product from secondary amines for example in elastomers or rubbers.<br>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-ethanolamine     | 1116-54-7    | All           | Usage ban  | 0.5 | mg/kg |   |      |  |   |
| N-Nitroso-di-ethylamine       | 55-18-5      | All           | Usage ban  | 0.5 | mg/kg |   |      |  |   |
| N-Nitroso-di-isopropylamine   | 601-77-4     | All           | Usage ban  | 0.5 | mg/kg |   |      |  |   |
| N-Nitroso-di-methylamine      | 62-75-9      | All           | Usage ban  | 0.5 | mg/kg |   |      |  |   |
| N-Nitroso-di-benzylamine      | 5336-53-8    | All           | Usage ban  | 0.5 | mg/kg |   |      |  |   |
| N-Nitroso-di-isobutylamine    | 997-95-5     | All           | Usage ban  | 0.5 | mg/kg |   |      |  |   |
| N-Nitroso-di-isononylamine    | 1207995-62-7 | 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-Nitrosomethyl-n-butylamine  | 7068-83-9    | All           | Usage ban  | 0.5 | mg/kg |   |      |  |   |
| N-Nitrosomethyl-n-propylamine | 924-46-9     | 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  |
|----------------------------------|------------------------|--|------------|-----|-----|-----|-------|--|--|
| <b>Other Chemical Substances</b> |                        |  |            |     |     |     |       |  |  |
| Acetone oxime                    | 127-06-0               | All  | Limitation | 20  | 100 | 100 | mg/kg | GC-MS // Extraction with Methanol  |  |
| Acetophenone                     | 98-86-2                | All  | Limitation | 20  |     |     | mg/kg |  |  |
| Acetophenone azine               | 729-43-1               | All  | Limitation | 20  |     |     | mg/kg | GC-MS // Solvent extraction with n-hexane  | Articles shall comply latest 01 July 2027.   |
| Ammonia                          | 7664-41-7              | All  | Limitation | 10  | 50  | 50  | mg/kg | IC // Extraction with Deionized Water  |  |
| Azobenzene                       | 103-33-3<br>17082-12-1 | All  | Usage ban  | 1.0 |     |     | mg/kg | GC-MS // Extraction with Methanol<br>LC-MS // Extraction with Methanol                     |  |
| Azodicarbonamide - (ADCA)        | 123-77-3               | All  | Usage ban  | 100 | 200 | 200 | mg/kg | GC-MS // Solvent extraction<br>LC-MS // Solvent extraction<br>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.<br><br>Proof that consumer safety limit for ADCA is kept via finished article testing (e.g. footwear sole). |
| Benzyl alcohol                   | 100-51-6               | All  | Limitation | 10  | 100 | 100 | mg/kg | GC-MS // Extraction with Acetone   |  |
| Benzyl chloride                  | 100-44-7               | All  | Usage ban  | 1.0 |     |     | mg/kg | GC-MS // Extraction with Dichloromethane   |  |
| Biphenyl                         | 92-52-4                | All  | Limitation | 100 | 100 | 500 | mg/kg | GC-MS // Extraction following DIN EN 62321-6 (2016)  |  |
| Bisphenol A                      | 80-05-7                | Textiles<br>Down/feather<br>Polymer parts<br>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<br>Down/feather<br>Polymer parts<br>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.<br>Bisphenol AF is classified as a PFAS.  |

| Chemical Name                    | CAS Number             | Sector Of Use  | Limit type | A   | B    | C    | Unit  | Test Method   | Comment   |
|----------------------------------|------------------------|--|------------|-----|------|------|-------|---|---|
| <b>Other Chemical Substances</b> |                        |  |            |     |      |      |       |   |   |
|                                  | 1478-61-1              | Leather  | Usage ban  | 40  | 100  | 100  | mg/kg | EN ISO 11936 (2023)   |   |
| Bisphenol B                      | 77-40-7                | Textiles<br>Down/feather<br>Polymer parts<br>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<br>Down/feather<br>Polymer parts<br>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.<br>Specific limit for leather tanning and textile aftertreatment: 500 ppm.   |
|                                  | 620-92-8               | Leather  | Limitation | 100 |      |      | mg/kg | EN ISO 11936 (2023)   |   |
| Bisphenol S                      | 80-09-1                | Textiles<br>Down/feather<br>Polymer parts<br>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.<br>Specific limit for textile aftertreatment (dye fixing agent for polyamide): 200 mg/kg.<br>Specific limit for leather tanning: 500 mg/kg |
|                                  | 80-09-1                | Leather  | Usage ban  | 1   | 10   | 10   | mg/kg | EN ISO 11936 (2023)   |   |
| 2-Butanone oxime                 | 96-29-7                | All  | Usage ban  | 1.0 | 10   | 10   | mg/kg | GC-MS // Extraction with Methanol   |   |
| 1-Butyl glycidyl ether           | 2426-08-6              | All  | Usage ban  | 1   | 10   | 10   | mg/kg |   | Articles shall comply latest 01 July 2027.  |
| 4-tert-Butyltoluene              | 98-51-1                | All  | Usage ban  | 1.0 |      |      | mg/kg |   |   |
| 2-Butyne-1,4-diol                | 110-65-6               | All  | Monitoring | 1.0 |      |      | mg/kg |   |   |
| $\epsilon$ -Caprolactam          | 105-60-2               | All  | Monitoring | 100 | 1000 | 1000 | mg/kg | LC-MS // Extraction with Methanol   |   |
| 2-Chloroethanol                  | 107-07-3               | All  | Limitation | 1.0 | 10   | 50   | mg/kg | GC-MS // Extraction with Methanol<br>GC-MS // Headspace                               |   |
| 1,4-dichloro-2-nitrobenzene      | 89-61-2                | All  | Usage ban  | 20  |      |      | mg/kg | Extraction // GC-ECD with reference to EPA Method 8091                                | Articles shall comply latest 01 July 2027.  |
| Colophony                        | 8050-09-7<br>8052-10-6 | All  | Limitation | 10  | 10   | 100  | mg/kg | LC-MS // Extraction with methyl tert-butyl ether (MTBE)                               | Analysed as abietic acid.   |

| Chemical Name   | CAS Number | Sector Of Use   | Limit type | A   | B   | C    | Unit  | Test Method  | Comment  |  |
|---|------------|---|------------|-----|-----|------|-------|--|--|--|
| <b>Other Chemical Substances</b>                      |            |   |            |     |     |      |       |  |  |  |
| 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol          | 119-47-1   | All   | Usage ban  | 50  | 500 | 500  | mg/kg | GC-MS  | Articles shall comply latest 01 July 2027.   |  |
| Cyclohexanol  | 108-93-0   | All   | Limitation | 10  |     |      | mg/kg | GC-MS // Headspace                                   |  |  |
| Cyclohexanone   | 108-94-1   | All   | Limitation | 10  |     |      | mg/kg |  | Exceptions: Specific limits are defined for articles produced by lamination and fiber manufacturing - A/B/C = 50 mg/kg or by solvent coating, A/B/C = 50/50/250 mg/kg. |  |
| 1,3-Dichloro-2-propanol                               | 96-23-1    | All   | Usage ban  | 1.0 |     |      | 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                    |  |  |
| 3,5-Dimethylpyrazole                                  | 67-51-6    | All   | Limitation | 50  | 200 | 200  | mg/kg |  |  |  |
| Dimethyl sulfate                                      | 77-78-1    | All   | Usage ban  | 1.0 |     |      | mg/kg | GC-MS // Headspace                                   |  |  |
| 2,4-Dinitrotoluene                                    | 121-14-2   | All   | Usage ban  | 10  |     |      | mg/kg | GC-MS // Extraction with Toluene                     |  |  |
| 1,4-Dioxane   | 123-91-1   | All   | Usage ban  | 10  |     |      | mg/kg | GC-MS // Headspace                                   |  |  |
| Ethylbenzene  | 100-41-4   | All   | Limitation | 500 | 500 | 1000 | mg/kg |  |  |  |
| Ethyleneimine   | 151-56-4   | All   | Usage ban  | 1.0 |     |      | mg/kg |  |  |  |
| 2-Ethylhexanol  | 104-76-7   | All   | Limitation | 50  | 200 | 500  | mg/kg | LC-MS // Indirect testing via Diaminodiphenylmethane |  |  |
| Formaldehyde oligomeric reaction product with aniline | 25214-70-4 | All   | Usage ban  | 20  |     |      | mg/kg |  |  |  |
| Formamide   | 75-12-7    | Textiles  | Usage ban  | 50  | 50  | 200  | mg/kg | EN 17131 (2019)                                      |  |  |
|   | 75-12-7    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50  | 50  | 200  | mg/kg | ISO 16189 (2021)                                     |  |  |

| Chemical Name                                   | CAS Number | Sector Of Use | Limit type | A   | B    | C    | Unit  | Test Method  | Comment                                    |  |
|---|------------|---------------|------------|-----|------|------|-------|--|--|--|
| <b>Other Chemical Substances</b>                |            |               |            |     |      |      |       |  |  |  |
| Formic acid                                     | 64-18-6    | All           | Limitation | 10  | 10   | 100  | mg/kg | LC-MS // Extraction with Methanol  |  |  |
| 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. |  |
| Hydrofluoric acid                               | 7664-39-3  | All           | Limitation | 1.0 |      |      | mg/kg | GC-MS // Extraction with Water and measurement of Fluorine<br>IC // Extraction with Water and measurement of Fluoride  | Articles shall comply latest 01 July 2027. |  |
| 4-Hydroxy-4-methylpentane-2-one                 | 123-42-2   | All           | Limitation | 20  | 100  | 100  | mg/kg | GC-MS // Headspace   |  |  |
| Isoquinoline                                    | 119-65-3   | All           | Usage ban  | 50  |      |      | mg/kg | LC-MS/MS // Extraction with Methanol<br>LC-DAD // Extraction with Tetrahydrofuran<br>LC-MS/MS // Extraction with Tetrahydrofuran<br>LC-DAD // Extraction with Methanol |  |  |
| Methanol  | 67-56-1    | All           | Limitation | 200 | 1000 | 1000 | mg/kg | GC-MS // Headspace   |  |  |
| 2-Methylaziridine                               | 75-55-8    | All           | Usage ban  | 1.0 |      |      | mg/kg |  |  |  |
| 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)   |  |  |
| N-Cyclohexyl-2-pyrrolidone                      | 6837-24-7  | All           | Limitation | 20  | 200  | 200  | mg/kg | GC-MS // Extraction with Methanol  |  |  |
| Phenol  | 108-95-2   | All           | Limitation | 20  | 50   | 100  | mg/kg | GC-MS // Extraction with Methanol<br>LC-MS // Extraction with Methanol   |  |  |
| 4-Phenylcyclohexene                             | 4994-16-5  | All           | Limitation | 10  | 10   | 50   | mg/kg | GC-MS // Extraction with Methanol<br>GC-MS // Headspace  |  |  |
| 2-Phenyl-2-propanol                             | 617-94-7   | All           | Limitation | 10  | 50   | 50   | mg/kg | GC-MS // Extraction with Methanol  |  |  |

| Chemical Name                             | CAS Number | Sector Of Use | Limit type | A   | B    | C    | Unit  | Test Method  | Comment   |  |
|---|------------|---------------|------------|-----|------|------|-------|--|---|--|
| <b>Other Chemical Substances</b>          |            |               |            |     |      |      |       |  |   |  |
| 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.              |  |
| Potassium bromate                         | 7758-01-2  | All           | Usage ban  | 10  |      |      | mg/kg | IC // Extraction with Potassium carbonate solution   |   |  |
| Resorcinol                                | 108-46-3   | All           | Usage ban  | 100 | 500  | 500  | mg/kg | LC-MS  | Articles shall comply latest 01 July 2027.              |  |
| Sodium bromate                            | 7789-38-0  | All           | Usage ban  | 10  |      |      | mg/kg | IC // Extraction with Potassium carbonate solution   |   |  |
| Quinoline                                 | 91-22-5    | All           | Usage ban  | 50  |      |      | mg/kg | LC-MS/MS // Extraction with Methanol<br>LC-DAD // Extraction with Tetrahydrofuran<br>LC-MS/MS // Extraction with Tetrahydrofuran<br>LC-DAD // Extraction with Methanol |   |  |
| Sodium borohydride                        | 16940-66-2 | All           | Usage ban  | 100 |      |      | mg/kg | ICP-MS // Indirect testing via Boron (DL for Boron 10 mg/kg)<br>ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg)  |   |  |
| Thiourea                                  | 62-56-6    | All           | Usage ban  | 5   |      |      | mg/kg | LC-MS // Extraction with Methanol  |   |  |
| Tri-iso-butyl phosphate                   | 126-71-6   | All           | Limitation | 10  | 50   | 50   | mg/kg | GC-MS // Extraction following IEC 62321-6 (2015)   |   |  |
| Tri-n-butyl phosphate                     | 126-73-8   | All           | Limitation | 10  | 50   | 50   | mg/kg |  |   |  |
| 4-Vinylcyclohexene                        | 100-40-3   | All           | Limitation | 1.0 |      |      | mg/kg | GC-MS // Headspace   | Limit: 100 mg/kg for every allocated substance or group |  |
| <b>Alkylnaphthalenes: all derivatives</b> | Several    | All           | Usage ban  | 1.0 |      |      | mg/kg | GC-MS // Extraction following DIN EN 62321-6 (2016)  |   |  |
| <b>Boric acid and derivatives</b>         | Several    | All           | Usage ban  |     |      |      | mg/kg | ICP-OES // Indirect testing via Boron (DL for Boron 10 mg/kg)<br>ICP-MS // Indirect testing via Boron (DL for Boron 10 mg/kg)  |   |  |
| Barium diboron tetraoxide                 | 13701-59-2 | All           | Usage ban  | 100 |      |      | mg/kg |  |   |  |

| Chemical Name                              | CAS Number                            | Sector Of Use  | Limit type | A   | B | C | Unit  | Test Method   | Comment |
|--|---------------------------------------|--|------------|-----|---|---|-------|---|---------|
| <b>Other Chemical Substances</b>           |                                       |  |            |     |   |   |       |   |         |
| Borate, zinc salt                          | 1332-07-6                             | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 100 |   |   | mg/kg | DIN EN 16711-1:2016 (ICP-OES)   |         |
|  | 1332-07-6                             | Leather  | Usage ban  | 100 |   |   | mg/kg | DIN EN ISO 17072-2:2022   |         |
| Boron zinc oxide                           | 12767-90-7                            | All  | Usage ban  | 100 |   |   | mg/kg | ICP-OES // Indirect testing via Boron<br>(DL for Boron 10 mg/kg)<br>ICP-MS // Indirect testing via Boron<br>(DL for Boron 10 mg/kg) |         |
| Boric acid                                 | 10043-35-3<br>11113-50-1              | All  | Usage ban  | 100 |   |   | mg/kg |   |         |
| Diboron trioxide                           | 1303-86-2                             | All  | Usage ban  | 100 |   |   | mg/kg |   |         |
| Tetraboron disodium heptaoxide,<br>hydrate | 12267-73-1                            | All  | Usage ban  | 100 |   |   | mg/kg |   |         |
| <i>Disodium tetraborate</i>                | Several                               | All  | Usage ban  | 100 |   |   | mg/kg | ICP-OES // Indirect testing via Boron<br>(DL for Boron 10 mg/kg)<br>ICP-MS // Indirect testing via Boron<br>(DL for Boron 10 mg/kg) |         |
| Disodium tetraborate, decahydrate          | 1303-96-4                             |  |            |     |   |   |       |   |         |
| Disodium tetraborate, anhydrous            | 1330-43-4                             |  |            |     |   |   |       |   |         |
| Disodium tetraborate, pentahydrate         | 12179-04-3                            |  |            |     |   |   |       |   |         |
| <i>Disodium octaborate</i>                 | Several                               | All  | Usage ban  | 100 |   |   | mg/kg | ICP-OES // Indirect testing via Boron<br>(DL for Boron 10 mg/kg)<br>ICP-MS // Indirect testing via Boron<br>(DL for Boron 10 mg/kg) |         |
| Disodium octaborate, anhydrous             | 12008-41-2                            |  |            |     |   |   |       |   |         |
| Disodium octaborate, tetrahydrate          | 12280-03-4                            |  |            |     |   |   |       |   |         |
| <i>Orthoboric acid sodium salt</i>         | 13840-56-7<br>25747-83-5<br>1333-73-9 | All  | Usage ban  | 100 |   |   | mg/kg | ICP-OES // Indirect testing via Boron<br>(DL for Boron 10 mg/kg)<br>ICP-MS // Indirect testing via Boron<br>(DL for Boron 10 mg/kg) |         |
| Boric acid, monosodium salt                | 14890-53-0                            |  |            |     |   |   |       |   |         |

| Chemical Name   | CAS Number  | Sector Of Use | Limit type | A   | B | C     | Unit | Test Method   | Comment                               |
|---|-------------|---------------|------------|-----|---|-------|------|---|---------------------------------------|
| <b>Other Chemical Substances</b>  |             |               |            |     |   |       |      |   |                                       |
| Boric acid, disodium salt   | 22454-04-2  |               |            |     |   |       |      |   |                                       |
| Boric acid, trisodium salt  | 14312-40-4  |               |            |     |   |       |      |   |                                       |
| <i>Perboric acid, sodium salt</i>   | 11138-47-9  | All           | Usage ban  | 100 |   | mg/kg |      | ICP-OES // Indirect testing via Boron<br>(DL for Boron 10 mg/kg)<br>ICP-MS // Indirect testing via Boron<br>(DL for Boron 10 mg/kg) | For every allocated Member/Substance. |
| Perboric acid (HBO(O <sub>2</sub> )), sodium salt, monohydrate  | 10332-33-9  |               |            |     |   |       |      |   |                                       |
| Perboric acid, sodium salt, monohydrate   | 12040-72-1  |               |            |     |   |       |      |   |                                       |
| Perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate                         | 13517-20-9  |               |            |     |   |       |      |   |                                       |
| Perboric acid, sodium salt, tetrahydrate  | 37244-98-7  |               |            |     |   |       |      |   |                                       |
| Borate(2-), tetrahydroxybis[μ-(peroxy-κO <sub>1</sub> :κO <sub>2</sub> )]di-, sodium, hydrate (1:2:6) - Hanssons salt | 125022-34-6 |               |            |     |   |       |      |   |                                       |
| Borate(2-), tetrahydroxybis[μ-(peroxy-κO <sub>1</sub> :κO <sub>2</sub> )]di-, sodium (1:2)                            | 90568-23-3  |               |            |     |   |       |      |   |                                       |
| <i>Sodium perborate derivatives</i>   | Several     | All           | Usage ban  | 100 |   | mg/kg |      | ICP-OES // Indirect testing via Boron<br>(DL for Boron 10 mg/kg)<br>ICP-MS // Indirect testing via Boron<br>(DL for Boron 10 mg/kg) |                                       |
| Sodium perborate  | 15120-21-5  |               |            |     |   |       |      |   |                                       |
| Sodium perborate, anhydrous   | 7632-04-4   |               |            |     |   |       |      |   |                                       |
| <b><i>Cresol, all isomers</i></b>   | 1319-77-3   | All           | Usage ban  |     |   |       |      | BVL B 82.02-8 (2001) // Extraction with Potassium hydroxide   | Usage ban 10 mg/kg for each isomer    |
| o-Cresol  | 95-48-7     | All           | Usage ban  | 10  |   | mg/kg |      | DIN EN ISO 17070 (2015) // Extraction with Potassium hydroxide  |                                       |
| m-Cresol  | 108-39-4    | All           | Usage ban  | 10  |   | mg/kg |      |   |                                       |

| Chemical Name                               | CAS Number | Sector Of Use | Limit type | A   | B   | C   | Unit  | Test Method  | Comment  |
|---|------------|---------------|------------|-----|-----|-----|-------|--|--|
| <b>Other Chemical Substances</b>            |            |               |            |     |     |     |       |  |  |
| p-Cresol                                    | 106-44-5   | All           | Usage ban  | 10  |     |     | mg/kg |  |  |
| <b>Hydrazine, its salts and hydrates</b>    | Several    | All           | Usage ban  | 1.0 |     |     | mg/kg | GC-MS // Extraction with Tetrahydrofuran/Acetone           |  |
| Hydrazine                                   | 302-01-2   |               |            |     |     |     |       |  |  |
| Hydrazine hydrates                          | 7803-57-8  |               |            |     |     |     |       |  |  |
| Hydrazine sulfate                           | 10034-93-2 |               |            |     |     |     |       |  |  |
| <b>Mercaptobenzothiazole and its salts</b>  | Several    | All           | Limitation | 5.0 | 200 | 200 | mg/kg | LC-MS // DIN EN ISO 105-E04 (2013) (acidic sweat solution) | Limitation also valid for natural and synthetic rubber   |
| Mercaptobenzothiazole                       | 149-30-4   |               |            |     |     |     |       |  |  |
| <b>Nitropropane derivatives</b>             | Several    | All           | Limitation |     |     |     |       | GC-MS // Headspace   | Limitation for 1-Nitropropane<br>Usage ban for 2-Nitropropane<br><br>see also default limits for specific substances |
| 1-Nitropropane                              | 108-03-2   | All           | Limitation | 1.0 |     |     | mg/kg |  |  |
| 2-Nitropropane                              | 79-46-9    | All           | Usage ban  | 1.0 |     |     | mg/kg |  |  |
| <b>Siloxanes</b>                            | 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 |  |  |
| <b>Terpene hydrocarbons</b>                 | Several    | All           | Usage ban  |     |     |     |       | GC-MS // Headspace   | Usage ban 10 mg/kg for every allocated Member/Substance  |
| D-Limonene                                  | 5989-27-5  | All           | Limitation | 100 | 500 | 500 | mg/kg |  |  |
| DL-Limonene                                 | 138-86-3   | All           | Limitation | 100 | 500 | 500 | mg/kg |  |  |

| Chemical Name                    | CAS Number | Sector Of Use | Limit type | A   | B   | C   | Unit  | Test Method | Comment |
|----------------------------------|------------|---------------|------------|-----|-----|-----|-------|-------------|---------|
| <b>Other Chemical Substances</b> |            |               |            |     |     |     |       |             |         |
| L-Limonene                       | 5989-54-8  | All           | Limitation | 100 | 500 | 500 | mg/kg |             |         |

| Chemical Name   | CAS Number | Sector Of Use | Limit type | A | B | C | Unit | Test Method        | Comment   |
|---|------------|---------------|------------|---|---|---|------|--------------------|---|
| <b>Ozone Depleting Substances (according to Regulation (EU) 2024/590)</b> |            |               |            |   |   |   |      |                    |   |
| <b>Ozone Depleting Substances (according to Regulation (EU) 2024/590)</b> | 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 |
| <b>Ozone depleting substances (CFCs) class I</b>                          | Several    | All           | Usage ban  |   |   |   |      |                    | Usage ban for direct use in manufacturing of articles // 0.1 mg/kg for every allocated Member/Substance |
| <b>Ozone depleting substances (CFCs) class II</b>                         | Several    | All           | Usage ban  |   |   |   |      |                    | Single substances listed in Annex   |

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

| Chemical Name   | CAS Number | Sector Of Use  | Limit type | A   | B | C | Unit  | Test Method  | Comment   |
|---|------------|--|------------|-----|---|---|-------|--|---|
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>   |            |  |            |     |   |   |       |  |   |
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>   | Several    | All  | Usage ban  | 50  |   |   | mg/kg | EN 14582 (total fluorine)<br>ASTM D7359 (total fluorine) | Limit refers to total fluorine content.<br>Exceptions might be possible for specific uses, see "Guidance Sheet PFAS phase out" and PFAS statement in section 5.6. |
| Perfluoroisobutylene  | 382-21-8   | Leather  | Usage ban  | 0.1 |   |   | mg/kg | EN ISO 23702-1 (2023)                                    |   |
|   | 382-21-8   | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 0.1 |   |   | mg/kg | EN 17681-1 (2025)  |   |
| Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(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<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 100 |   |   | µg/kg | EN 17681-1 (2025)  |   |
| <b>Perfluorobutane sulfonic acid and its derivatives</b>  | Several    |  |            |     |   |   |       |  |   |
| Perfluorobutane sulfonic acid and its salts   | Several    | Leather  | Usage ban  | 1.0 |   |   | mg/kg | EN ISO 23702-1 (2023)                                    |   |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1.0 |   |   | mg/kg | EN 17681-1 (2025)  |   |
| Perfluorobutane sulfonic acid   | 375-73-5   |  |            |     |   |   |       |  |   |
| Perfluorobutane sulfonates  | 45187-15-3 |  |            |     |   |   |       |  |   |
| Perfluorobutane sulfon amides   | 30334-69-1 | Leather  | Usage ban  | 50  |   |   | mg/kg | EN ISO 23702-1 (2023)                                    |   |
|   | 30334-69-1 | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 50  |   |   | mg/kg | EN 17681-1 (2025)  |   |
| Perfluorobutane sulfon amido ethanol  | Several    | Leather  | Usage ban  | 15  |   |   | mg/kg | EN ISO 23702-1 (2023)                                    |   |

| Chemical Name  | CAS Number | Sector Of Use  | Limit type | A  | B | C | Unit  | Test Method           | Comment                            |
|--|------------|--|------------|----|---|---|-------|-----------------------|------------------------------------|
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>        |            |  |            |    |   |   |       |                       |                                    |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 15 |   |   | mg/kg | EN 17681-1 (2025)     |                                    |
| <i>Perfluorobutane sulfon amidoethyl (meth)acrylates</i> | Several    | Leather  | Usage ban  | 15 |   |   | mg/kg | EN ISO 23702-1 (2023) |                                    |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 15 |   |   | mg/kg | EN 17681-1 (2025)     |                                    |
| <i>Perfluorobutane sulfon halides</i>                    | Several    | Leather  | Usage ban  | 15 |   |   | mg/kg | EN ISO 23702-1 (2023) |                                    |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 15 |   |   | mg/kg | EN 17681-1 (2025)     |                                    |
| <i>Perfluorobutane sulfon polymers</i>                   | Several    | Leather  | Usage ban  | 15 |   |   | mg/kg | EN ISO 23702-1 (2023) |                                    |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 15 |   |   | mg/kg | EN 17681-1 (2025)     |                                    |
| <b>Perfluorohexane sulfonic acid and its derivatives</b> | Several    | All  | Usage ban  |    |   |   |       |                       | Single substances listed in Annex. |
| <i>Perfluorohexane sulfonic acid and its salts</i>       | Several    | Leather  | Usage ban  | 20 |   |   | µg/kg | EN ISO 23702-1 (2023) |                                    |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | µg/kg | EN 17681-1 (2025)     |                                    |
| <i>Perfluorohexane sulfon amides</i>                     | Several    | Leather  | Usage ban  | 20 |   |   | µg/kg | EN ISO 23702-1 (2023) |                                    |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | µg/kg | EN 17681-1 (2025)     |                                    |

| Chemical Name  | CAS Number | Sector Of Use  | Limit type | A    | B | C | Unit  | Test Method           | Comment                                    |
|--|------------|--|------------|------|---|---|-------|-----------------------|--|
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>        |            |  |            |      |   |   |       |                       |  |
| Perfluorohexane sulfon amide                             | 41997-13-1 |  |            |      |   |   |       |                       |  |
| <i>Perfluorohexane sulfon amidoethanols</i>              | Several    | Leather  | Usage ban  | 20   |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20   |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <i>Perfluorohexane sulfon amidoethyl (meth)acrylates</i> | Several    | Leather  | Usage ban  | 20   |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20   |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <i>Perfluorohexane sulfon halides</i>                    | Several    | Leather  | Usage ban  | 20   |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20   |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <i>Perfluorohexane sulfon polymers</i>                   | Several    | Leather  | Usage ban  | 20   |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20   |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <i>Perfluorooctane sulfonic acid and its derivatives</i> | Several    | Leather  | Usage ban  | 1000 |   |   | µg/kg | EN ISO 23702-1 (2023) | Articles shall comply latest 01 July 2027. |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1000 |   |   | µg/kg | EN 17681-1 (2025)     |  |
| Perfluorooctane sulfon amides                            | Several    |  |            |      |   |   |       |                       |  |
| Perfluorooctane sulfon amidoethanols                     | Several    |  |            |      |   |   |       |                       |  |

| Chemical Name  | CAS Number | Sector Of Use  | Limit type | A  | B | C     | Unit | Test Method           | Comment                                      |
|--|------------|--|------------|----|---|-------|------|-----------------------|--|
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>  |            |  |            |    |   |       |      |                       |  |
| <i>Perfluorooctane sulfon amidoethyl (meth)acrylates</i>   | Several    |  |            |    |   |       |      |                       |  |
| <i>Perfluorooctane sulfon halides</i>  | Several    |  |            |    |   |       |      |                       |  |
| <i>Perfluorooctane sulfon polymers</i>   | Several    |  |            |    |   |       |      |                       |  |
| <b>Perfluorooctane sulfonic acid and its salts</b>   | Several    | Leather  | Usage ban  | 25 |   | μg/kg |      | EN ISO 23702-1 (2023) | Articles shall comply latest 01 July 2027.   |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 25 |   | μg/kg |      | EN 17681-1 (2025)     |  |
| <b>Perfluoroalkyl sulfonic acid and its derivatives - F(CF<sub>2</sub>)<sub>n</sub> [n&gt;8]</b> | Several    | All  | Usage ban  |    |   |       |      |                       | Usage ban 20 μg/kg for every allocated group |
| <i>Perfluoroalkyl sulfonic acid and its salts - F(CF<sub>2</sub>)<sub>n</sub> [n&gt;8]</i>       | Several    | Leather  | Usage ban  | 20 |   | μg/kg |      | EN ISO 23702-1 (2023) | Articles shall comply latest 01 July 2027.   |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   | μg/kg |      | EN 17681-1 (2025)     |  |
| <i>Perfluoroalkyl sulfon amides - F(CF<sub>2</sub>)<sub>n</sub> [n&gt;8]</i>                     | Several    | Leather  | Usage ban  | 20 |   | μg/kg |      | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   | μg/kg |      | EN 17681-1 (2025)     |  |
| <i>Perfluoroalkyl sulfon amidoethanols - F(CF<sub>2</sub>)<sub>n</sub> [n&gt;8]</i>              | Several    | Leather  | Usage ban  | 20 |   | μg/kg |      | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   | μg/kg |      | EN 17681-1 (2025)     |  |
|  | 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  |
|--|------------|--|------------|----|---|---|-------|-----------------------|--|
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>  |            |  |            |    |   |   |       |                       |  |
| <i>Perfluoroalkyl sulfon amidoethyl (meth)acrylates - F(CF<sub>2</sub>)<sub>n</sub> [n&gt;8]</i> | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <i>Perfluoroalkyl sulfon halides - F(CF<sub>2</sub>)<sub>n</sub> [n&gt;8]</i>                    | Several    | Leather  | Usage ban  | 20 |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <i>Perfluoroalkyl sulfon polymers - F(CF<sub>2</sub>)<sub>n</sub> [n&gt;8]</i>                   | Several    | Leather  | Usage ban  | 20 |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 20 |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <b>Perfluorobutanoic acid and its salts</b>  | Several    | Leather  | Usage ban  | 50 |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <b>Perfluorohexanoic acid and its salts</b>  | Several    | Leather  | Usage ban  | 25 |   |   | µg/kg | EN ISO 23702-1 (2023) | Usage ban<br>Single substances listed in Annex |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 25 |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <b>Perfluoroheptanoic acid and its salts</b>   | Several    | Leather  | Usage ban  | 50 |   |   | µg/kg | EN ISO 23702-1 (2023) |  |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | µg/kg | EN 17681-1 (2025)     |  |
| <b>Perfluorooctanoic acid and its salts</b>  | Several    | Leather  | Usage ban  | 25 |   |   | µg/kg | EN ISO 23702-1 (2023) |  |

| Chemical Name   | CAS Number | Sector Of Use  | Limit type | A    | B | C | Unit  | Test Method           | Comment   |
|---|------------|--|------------|------|---|---|-------|-----------------------|---|
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>       |            |  |            |      |   |   |       |                       |   |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 25   |   |   | µg/kg | EN 17681-1 (2025)     | Usage ban<br><br>Single substances listed in Annex                                |
| <b>Perfluorocarboxylic acids (C9-C14) and its salts</b> | Several    | Leather  | Usage ban  | 25   |   |   | µg/kg | EN ISO 23702-1 (2023) | For sum of all allocated Members/Substances.                                      |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 25   |   |   | µg/kg | EN 17681-1 (2025)     |   |
| <b>Perfluorobutanoic acid related substances</b>        | Several    | Leather  | Usage ban  | 1000 |   |   | µg/kg | EN ISO 23702-1 (2023) | For sum of PFBA related substances.   |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1000 |   |   | µg/kg | EN 17681-1 (2025)     |   |
| <b>Perfluorohexanoic acid related substances</b>        | Several    | Leather  | Usage ban  | 1000 |   |   | µg/kg | EN ISO 23702-1 (2023) | Usage ban<br><br>Single substances listed in Annex                                |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1000 |   |   | µg/kg | EN 17681-1 (2025)     |   |
| <b>Perfluorooctanoic acid related substances</b>        | Several    | Leather  | Usage ban  | 1000 |   |   | µg/kg | EN ISO 23702-1 (2023) | For the sum of PFOA-related substances.<br><br>Single substances listed in Annex. |
|   | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 1000 |   |   | µg/kg | EN 17681-1 (2025)     |   |
| Perfluorooctylethyl olefins                             | Several    |  |            |      |   |   |       |                       |   |
| Perfluorooctylethene                                    | 21652-58-4 |  |            |      |   |   |       |                       |   |
| Heptadecafluoro-1-iodooctane                            | 507-63-1   |  |            |      |   |   |       |                       |   |
| 1H,1H,2H,2H-Perfluorodecyliodide                        | 2043-53-0  |  |            |      |   |   |       |                       |   |

| Chemical Name  | CAS Number | Sector Of Use  | Limit type | A    | B | C     | Unit | Test Method           | Comment                           |
|--|------------|--|------------|------|---|-------|------|-----------------------|-----------------------------------|
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>  |            |  |            |      |   |       |      |                       |                                   |
| Pentadecafluoroctyl fluoride   | 335-66-0   |  |            |      |   |       |      |                       |                                   |
| <b>Perfluorocarboxylic acid (C9-C14) related substances</b>                              | Several    | Leather  | Usage ban  | 260  |   | μg/kg |      | EN ISO 23702-1 (2023) | Single substances listed in Annex |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 260  |   | μg/kg |      | EN 17681-1 (2025)     |                                   |
| <b>Perfluoroalkyl compounds, branched</b>  | Several    |  |            |      |   |       |      |                       |                                   |
| 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides | Several    | Leather  | Usage ban  | 0.05 |   | mg/kg |      | EN ISO 23702-1 (2023) | Single substances listed in Annex |
|  | Several    | Textiles<br>Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 0.05 |   | mg/kg |      | EN 17681-1 (2025)     |                                   |

| Chemical Name                           | CAS Number | Sector Of Use   | Limit type | A  | B | C     | Unit | Test Method                               | Comment   |
|---|------------|---|------------|----|---|-------|------|---|---|
| <b>Plasticizers</b>                     |            |   |            |    |   |       |      |   |   |
| Di-(2-ethylhexyl) adipate - (DEHA)      | 103-23-1   | All   | Monitoring |    |   |       |      | ISO 14389 (2014)                          |   |
| <b>Phthalic acid esters</b>             | Several    | Textiles  | Usage ban  |    |   |       |      | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) | Usage ban 50 mg/kg for every allocated Member/Substance |
|   | Several    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  |    |   |       |      | CPSC-CH-C1001-09.4                        |   |
| Bis-(2-methoxyethyl) phthalate - (DMEP) | 117-82-8   | Textiles  | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |   |
|   | 117-82-8   | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4                        |   |
| Butylbenzyl phthalate - (BBP)           | 85-68-7    | Textiles  | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |   |
|   | 85-68-7    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4                        |   |
| Dimethyl phthalate - (DMP)              | 131-11-3   | Textiles  | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |   |
|   | 131-11-3   | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4                        |   |
| Diethyl phthalate - (DEP)               | 84-66-2    | Textiles  | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |   |
|   | 84-66-2    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4                        |   |
| Di-n-propyl phthalate - (DPRP)          | 131-16-8   | Textiles  | Usage ban  | 50 |   | mg/kg |      | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |   |

| Chemical Name                    | CAS Number  | Sector Of Use   | Limit type | A  | B | C | Unit  | Test Method                               | Comment |
|----------------------------------|-------------|---|------------|----|---|---|-------|---|---------|
| <b>Plasticizers</b>              |             |   |            |    |   |   |       |   |         |
|                                  | 131-16-8    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Dibutyl phthalate - (DBP)        | 84-74-2     | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 84-74-2     | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-iso-butyl phthalate - (DIBP)  | 84-69-5     | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 84-69-5     | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-n-pentyl phthalate - (DnPP)   | 131-18-0    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 131-18-0    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-iso-pentyl phthalate - (DIPP) | 605-50-5    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 605-50-5    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| n-Pentyl-isopentyl phthalate     | 776297-69-9 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 776297-69-9 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |

| Chemical Name                    | CAS Number | Sector Of Use   | Limit type | A  | B | C | Unit  | Test Method                               | Comment |
|----------------------------------|------------|---|------------|----|---|---|-------|---|---------|
| <b>Plasticizers</b>              |            |   |            |    |   |   |       |   |         |
| Di-n-hexyl phthalate - (DnHP)    | 84-75-3    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 84-75-3    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-cyclohexyl phthalate - (DCHP) | 84-61-7    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 84-61-7    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-iso-hexyl phthalate - (DIHxP) | 71850-09-4 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 71850-09-4 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-n-octyl phthalate - (DnOP)    | 117-84-0   | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 117-84-0   | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-iso-octyl phthalate - (DIOP)  | 27554-26-3 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|                                  | 27554-26-3 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Diethylhexyl phthalate - (DEHP)  | 117-81-7   | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |

| Chemical Name  | CAS Number | Sector Of Use   | Limit type | A  | B | C | Unit  | Test Method                               | Comment |
|--|------------|---|------------|----|---|---|-------|---|---------|
| <b>Plasticizers</b>  |            |   |            |    |   |   |       |   |         |
|  | 117-81-7   | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Dinonyl phthalate - (DNP)  | 84-76-4    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|  | 84-76-4    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| 1,2-Benzenedicarboxylic acid,<br>di-C6-8-branched alkylesters,<br>C7-rich        | 71888-89-6 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|  | 71888-89-6 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| 1,2-Benzenedicarboxylic acid,<br>benzyl C7-9-branched and<br>linear alkyl esters | 68515-40-2 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|  | 68515-40-2 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| 1,2-Benzenedicarboxylic acid,<br>di-C7-11-branched and linear<br>alkylesters     | 68515-42-4 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|  | 68515-42-4 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| 1,2-Benzenedicarboxylic acid,<br>dipentylester, branched and<br>linear           | 84777-06-0 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|  | 84777-06-0 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |

| Chemical Name   | CAS Number | Sector Of Use   | Limit type | A  | B | C | Unit  | Test Method                               | Comment |
|---|------------|---|------------|----|---|---|-------|---|---------|
| <b>Plasticizers</b>   |            |   |            |    |   |   |       |   |         |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                | 68515-50-4 | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|   | 68515-50-4 | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters | Several    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|   | Several    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters   | 68515-51-5 |   |            |    |   |   |       |   |         |
| 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters                          | 68648-93-1 |   |            |    |   |   |       |   |         |
| Di-iso-nonyl phthalate - (DINP)   | Several    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|   | Several    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |
| Di-iso-nonyl phthalate - polygas based  | 28553-12-0 |   |            |    |   |   |       |   |         |
| Di-iso-nonyl phthalate - iso & n-Butene based   | 68515-48-0 |   |            |    |   |   |       |   |         |
| Di-iso-decyl phthalate - (DIDP)   | Several    | Textiles  | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4<br>EN ISO 14389 (2014) |         |
|   | Several    | Down/feather<br>Leather<br>Polymer parts<br>Metal parts | Usage ban  | 50 |   |   | mg/kg | CPSC-CH-C1001-09.4                        |         |

| Chemical Name   | CAS Number | Sector Of Use | Limit type | A   | B    | C    | Unit  | Test Method         | Comment |
|---|------------|---------------|------------|-----|------|------|-------|---------------------|---------|
| <b>Plasticizers</b>                                       |            |               |            |     |      |      |       |                     |         |
| Di-iso-decyl phthalate [1]                                | 26761-40-0 |               |            |     |      |      |       |                     |         |
| Di-iso-decyl phthalate [2]                                | 68515-49-1 |               |            |     |      |      |       |                     |         |
| <b>Phthalic acid and derivatives - others than esters</b> | Several    | All           | Limitation |     |      |      |       | EN ISO 14389 (2014) |         |
| Phthalic acid anhydride                                   | 85-44-9    | All           | Limitation | 200 | 1000 | 1000 | mg/kg |                     |         |

| Chemical Name                           | CAS Number | Sector Of Use | Limit type | A   | B   | C   | Unit  | Test Method  | Comment   |
|---|------------|---------------|------------|-----|-----|-----|-------|--------------|---|
| <b>Polyaromatic hydrocarbons (PAHs)</b> |            |               |            |     |     |     |       |              |   |
| <b>Polyaromatic hydrocarbons (PAHs)</b> | Several    | All           | Usage ban  | 10  |     |     | mg/kg |              | For sum of all allocated PAHs.<br>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 |              |   |
| Dibenzo[def,p]chrysene                  | 191-30-0   | All           | Usage ban  |     |     |     |       | AfPS GS 2019 |   |
| Acenaphthene                            | 83-32-9    | All           | Usage ban  |     |     |     |       |              |   |
| Acenaphthylene                          | 208-96-8   | All           | Usage ban  |     |     |     |       |              |   |
| Anthracene                              | 120-12-7   | All           | Usage ban  |     |     |     |       |              |   |
| Benzo[rst]pentaphene                    | 189-55-9   | All           | Usage ban  |     |     |     |       |              |   |
| Benzo(ghi)perylene                      | 191-24-2   | All           | Usage ban  |     |     |     |       |              |   |
| Cyclopenta[c,d]pyrene                   | 27208-37-3 | All           | Usage ban  |     |     |     |       |              |   |
| Dibenzo[b,def]chrysene                  | 189-64-0   | All           | Usage ban  |     |     |     |       |              |   |
| Fluoranthene                            | 206-44-0   | All           | Usage ban  |     |     |     |       |              |   |
| Fluorene                                | 86-73-7    | All           | Usage ban  |     |     |     |       |              |   |

| Chemical Name                           | CAS Number | Sector Of Use | Limit type | A | B | C | Unit | Test Method | Comment  |
|---|------------|---------------|------------|---|---|---|------|-------------|--|
| <b>Polyaromatic hydrocarbons (PAHs)</b> |            |               |            |   |   |   |      |             |  |
| Indeno(1,2,3-cd) pyrene                 | 193-39-5   | All           | Usage ban  |   |   |   |      |             | If no individual limit is listed, the group limit of 10 mg/kg applies. |
| Naphthalene                             | 91-20-3    | All           | Usage ban  |   |   |   |      |             |  |
| Naphtho[1,2,3,4-def]chrysene            | 192-65-4   | All           | Usage ban  |   |   |   |      |             |  |
| Phenanthrene                            | 85-01-8    | All           | Usage ban  |   |   |   |      |             |  |
| Pyrene                                  | 129-00-0   | All           | Usage ban  |   |   |   |      |             |  |
| Methylpyrene, 1-                        | 2381-21-7  | All           | Usage ban  |   |   |   |      |             |  |

| Chemical Name           | CAS Number | Sector Of Use | Limit type | A | B | C | Unit | Test Method  | Comment   |
|-------------------------|------------|---------------|------------|---|---|---|------|--|---|
| <b>Polymers</b>         |            |               |            |   |   |   |      |  |   |
| 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. |
| Polyvinylidene chloride | 9002-85-1  | All           | Usage ban  |   |   |   |      |  |   |

| Chemical Name                  | CAS Number | Sector Of Use                                | Limit type | A   | B    | C    | Unit  | Test Method                       | Comment  |
|--------------------------------|------------|--|------------|-----|------|------|-------|-----------------------------------|--|
| <b>Solvents</b>                |            |  |            |     |      |      |       |                                   |  |
| Acetone                        | 67-64-1    | All  | Limitation | 10  | 10   | 100  | mg/kg | GC-MS // Headspace                |  |
| 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                |  |
| Cyclohexane                    | 110-82-7   | All  | Limitation | 10  |      |      | mg/kg |                                   |  |
| 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.   |
| Dimethyl sulfoxide - (DMSO)    | 67-68-5    | All  | Limitation | 500 | 1000 | 1000 | mg/kg | GC-MS // Extraction with Methanol |  |
| N,N-Dimethylacetamide - (DMAc) | 127-19-5   | Down/feather<br>Polymer parts<br>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:<br>Articles produced by solvent coating,<br>lamination or fiber manufacturing - A/B/C 50 mg/kg.<br>As residual fiber solvent in elastane and PAN fibers with Monitoring status - A: 10 mg/kg,<br>B/C: 50 mg/kg.<br>Aramid fibers: For special applications bluesign technologies has the right to make an individual decision. |
|                                | 68-12-2    | Leather                                      | Usage ban  | 5.0 |      |      | mg/kg | EN ISO 19070 (2016)               |  |

| Chemical Name                 | CAS Number | Sector Of Use                                | Limit type | A   | B   | C   | Unit  | Test Method  | Comment  |
|-------------------------------|------------|--|------------|-----|-----|-----|-------|--|--|
| <b>Solvents</b>               |            |  |            |     |     |     |       |  |  |
| N,N-Dimethylformamide - (DMF) | 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<br>Polymer parts<br>Metal parts | Usage ban  | 5.0 |     |     | mg/kg | ISO 16189 (2021)                                   |  |
| 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.   |
| Hexachlorobutadiene           | 87-68-3    | All  | Usage ban  | 10  |     |     | mg/kg | GC-MS // Extraction with Dichloromethane           |  |
| 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-Pentane                     | 109-66-0   | All  | Limitation | 10  | 50  | 50  | mg/kg | GC-MS // Headspace                                 |  |
| 2-Pyrrolidone                 | 616-45-5   | Textiles                                     | Usage ban  | 50  | 100 | 100 | mg/kg | EN 17131 (2019)                                    |  |
|                               | 616-45-5   | Leather                                      | Usage ban  | 50  | 100 | 100 | mg/kg | EN ISO 19070 (2016)                                |  |
|                               | 616-45-5   | Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 50  | 100 | 100 | mg/kg | ISO 16189 (2021)                                   |  |
| N-Ethyl-2-pyrrolidone - (NEP) | 2687-91-4  | Textiles                                     | Usage ban  | 10  | 10  | 100 | mg/kg | EN 17131 (2019)                                    |  |
|                               | 2687-91-4  | Leather                                      | Usage ban  | 10  | 10  | 100 | mg/kg | EN ISO 19070 (2016)                                |  |
|                               | 2687-91-4  | Down/feather<br>Polymer parts<br>Metal parts | Usage ban  | 10  | 10  | 100 | mg/kg | ISO 16189 (2021)                                   |  |

| Chemical Name                           | CAS Number | Sector Of Use                                | Limit type | A   | B  | C     | Unit               | Test Method  | Comment   |  |
|---|------------|--|------------|-----|----|-------|--------------------|--|---|--|
| <b>Solvents</b>                         |            |  |            |     |    |       |                    |  |   |  |
| 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<br>Polymer parts<br>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    |                    | 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). |   |  |
| 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 |                    |  |   |  |
| <b>Chlorinated ethanes, all isomers</b> | 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 |                    |  |   |  |

| Chemical Name                         | CAS Number | Sector Of Use | Limit type | A   | B   | C   | Unit  | Test Method | Comment  |
|---------------------------------------|------------|---------------|------------|-----|-----|-----|-------|-------------|--|
| <b>Solvents</b>                       |            |               |            |     |     |     |       |             |  |
| 1,1,2,2-Tetrachloroethane             | 79-34-5    | All           | Usage ban  | 1.0 |     |     | mg/kg |             | For sum of all isomers.<br>Usage ban not valid for solvent coating,<br>laminating and painting/lacquering.<br>Limits valid for all articles. |
| Pentachloroethane                     | 76-01-7    | All           | Usage ban  | 1.0 |     |     | mg/kg |             |  |
| Hexachloroethane                      | 67-72-1    | All           | Usage ban  | 1.0 |     |     | mg/kg |             |  |
| <b>Trimethylbenzenes, all isomers</b> | 25551-13-7 | All           | Limitation |     |     |     |       |             |  |
| 1,2,3-Trimethylbenzene                | 526-73-8   | All           | Limitation | 50  | 100 | 100 | mg/kg |             |  |
| 1,2,4-Trimethylbenzene                | 95-63-6    | All           | Limitation | 50  | 100 | 100 | mg/kg |             |  |
| 1,3,5-Trimethylbenzene                | 108-67-8   | All           | Limitation | 50  | 100 | 100 | mg/kg |             |  |
| <b>Xylene, all isomers</b>            | 1330-20-7  | All           | Usage ban  | 50  | 100 | 100 | mg/kg |             |  |
| 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 |
|--------------------------------------|------------|---------------|------------|-----|-------|---|------------------------------------|-------------|---------|
| <b>Tin-organic Compounds</b>         |            |               |            |     |       |   |                                    |             |         |
| <b>Methyltin compounds</b>           | Several    |               |            |     |       |   |                                    |             |         |
| Monomethyltin compounds - (MMT)      | Several    | All           | Usage ban  | 1.0 | mg/kg | ISO 16179 (2025)<br>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 |   |                                    |             |         |
| <b>Ethyltin compounds</b>            | Several    |               |            |     |       |   |                                    |             |         |
| Tetraethyltin compounds - (TeET)     | Several    | All           | Usage ban  | 1.0 | mg/kg | ISO 16179 (2025)<br>EN ISO 22744-1 (2020) | Single substances listed in Annex. |             |         |
| <b>Propyltin compounds</b>           | Several    |               |            |     |       |   |                                    |             |         |
| Dipropyltin compounds - (DPT)        | Several    | All           | Usage ban  | 1.0 | mg/kg | ISO 16179 (2025)<br>EN ISO 22744-1 (2020) | Single substances listed in Annex. |             |         |
| Tripropyltin compounds - (TPT)       | Several    | All           | Usage ban  | 0.5 | mg/kg |   |                                    |             |         |
| <b>Butyltin compounds</b>            | Several    |               |            |     |       |   |                                    |             |         |
| Monobutyltin compounds - (MBT)       | Several    | All           | Usage ban  | 1.0 | mg/kg | ISO 16179 (2025)<br>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 |   |                                    |             |         |
| <b>Hexyltin compounds</b>            | Several    |               |            |     |       |   |                                    |             |         |
| Tricyclohexyltin compounds - (TCyHT) | Several    | All           | Usage ban  | 0.5 | mg/kg | ISO 16179 (2025)<br>EN ISO 22744-1 (2020) | Single substances listed in Annex. |             |         |
| <b>Octyltin compounds</b>            | Several    |               |            |     |       |   |                                    |             |         |

| Chemical Name                           | CAS Number | Sector Of Use | Limit type | A   | B | C | Unit  | Test Method                               | Comment                            |
|---|------------|---------------|------------|-----|---|---|-------|---|------------------------------------|
| <b>Tin-organic Compounds</b>            |            |               |            |     |   |   |       |   |                                    |
| <i>Monooctyltin compounds - (MOT)</i>   | Several    | All           | Usage ban  | 1.0 |   |   | mg/kg | ISO 16179 (2025)<br>EN ISO 22744-1 (2020) | Single substances listed in Annex. |
| <i>Diocetyltin compounds - (DOT)</i>    | Several    | All           | Usage ban  | 1.0 |   |   | mg/kg |   |                                    |
| <i>Triocetyltin compounds - (TOT)</i>   | Several    | All           | Usage ban  | 0.5 |   |   | mg/kg |   |                                    |
| <i>Tetraoctyltin compounds - (TeOT)</i> | Several    | All           | Usage ban  | 0.5 |   |   | mg/kg |   |                                    |
| <b>Phenyltin compounds</b>              |            |               |            |     |   |   |       |   |                                    |
| <i>Monophenyltin compounds - (MPhT)</i> | Several    | All           | Usage ban  | 1.0 |   |   | mg/kg | ISO 16179 (2025)<br>EN ISO 22744-1 (2020) | Single substances listed in Annex. |
| <i>Diphenyltin compounds - (DPhT)</i>   | Several    | All           | Usage ban  | 1.0 |   |   | mg/kg |   |                                    |
| <i>Triphenyltin compounds - (TPhT)</i>  | Several    | All           | Usage ban  | 0.5 |   |   | mg/kg |   |                                    |

| Chemical Name         | CAS Number | Sector Of Use | Limit type | A    | B | C | Unit  | Test Method | Comment                                      |
|-----------------------|------------|---------------|------------|------|---|---|-------|-------------|--|
| <b>UV stabilizers</b> |            |               |            |      |   |   |       |             |  |
| 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 |             |  |

## 6 Annex I Compilation of Individual Substances

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

- Alkylphenolethoxylates (APEOs)
- Alkylphenols (APs)
- Arylamines
- Chlorinated Benzenes and Toluenes
- Colorants
- Dioxins and Furans
- Fibers (Asbestos)
- Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes
- Metals
- Ozone Depleting Substances (according to Regulation (EC) No 1005/2009)
- Pesticides
- PFAS (Poly- and perfluoroalkyl substances)
- Tin-Organic Compounds

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

| Chemical Name                                | CAS Number |
|--|------------|
| <b>Alkylphenolethoxylates (APEOs)</b>        |            |
| <b>Nonylphenol ethoxylates (NPEO)</b>        | 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  |
| <i>Isononylphenol, ethoxylated</i>           | 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 |
| <i>Nonylphenol, ethoxylated</i>              | 9016-45-9  |
| Nonylphenol, ethoxylated - 10 EO             | 9016-45-9  |
| Nonylphenol, ethoxylated - 8 EO              | 9016-45-9  |
| Nonylphenol, ethoxylated - 6.5 EO            | 9016-45-9  |
| Nonylphenol, ethoxylated - ≥ 2.5 - < 5 EO    | 9016-45-9  |
| Nonylphenol, ethoxylated - ≥ 5 - < 8 EO      | 9016-45-9  |
| Nonylphenol, ethoxylated - ≥ 8 - < 11 EO     | 9016-45-9  |
| Nonylphenol, ethoxylated - ≥ 11 - < 15 EO    | 9016-45-9  |
| Nonylphenol, ethoxylated - ≥ 15 - < 30 EO    | 9016-45-9  |
| Nonylphenol, ethoxylated - 30 EO             | 9016-45-9  |

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

| Chemical Name  | CAS Number   |
|--|--------------|
| 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-Octaoxahehexacosan-1-ol | 14409-72-4   |
| <i>4-Nonylphenol, branched, ethoxylated</i>                      | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - 1 - 2.5 EO                | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - ≥ 2.5 - < 5 EO            | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - ≥ 5 - < 8 EO              | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - ≥ 8 - < 11 EO             | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - ≥ 11 - < 15 EO            | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - ≥ 15 - < 30 EO            | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - 30 EO                     | 127087-87-0  |
| 4-Nonylphenol, branched, ethoxylated - > 30 EO                   | 127087-87-0  |
| 2-[2-[4-(3,6-Dimethylheptan-3-yl) phenoxy]ethoxy] ethanol        | 1119449-38-5 |
| <i>4-Nonylphenol, branched and linear, ethoxylated</i>           | 1442463-06-0 |
| 4-Nonylphenol, branched and linear, ethoxylated - ≥ 2.5 - < 5 EO | 1442463-06-0 |
| 4-Nonylphenol, branched and linear, ethoxylated - ≥ 5 - < 8 EO   | 1442463-06-0 |
| 4-Nonylphenol, branched and linear, ethoxylated - ≥ 8 - < 11 EO  | 1442463-06-0 |
| 4-Nonylphenol, branched and linear, ethoxylated - ≥ 11 - < 15 EO | 1442463-06-0 |
| 4-Nonylphenol, branched and linear, ethoxylated - ≥ 15 - < 30 EO | 1442463-06-0 |
| 4-Nonylphenol, branched and linear, ethoxylated - 30 EO          | 1442463-06-0 |
| 4-Nonylphenol, branched and linear, ethoxylated - > 30 EO        | 1442463-06-0 |
| 2-[2-[2-(4-Nonylphenoxy) ethoxy] ethoxy] ethanol                 | 7311-27-5    |
| 20-(4-Nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol            | 27942-27-4   |
| 2-[2-(4-Nonylphenoxy) ethoxy] ethanol                            | 20427-84-3   |
| 2-[4-(3,6-Dimethylheptan-3-yl) phenoxy] ethanol                  | 1119449-37-4 |
| <b>Octylphenol ethoxylates (OPEO)</b>                            | Several      |
| <i>Octylphenol branched, ethoxylated</i>                         | 68987-90-6   |

| Chemical Name  | CAS Number |
|--|------------|
| Octylphenol branched, ethoxylated - 9.5 EO   | 68987-90-6 |
| <i>tert-Octylphenol, ethoxylated</i>   | 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  |
| <i>4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues</i> | Several    |
| 20-[4-(1,1,3,3-Tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol   | 2497-59-8  |
| 4-tert-Octylphenol monoethoxylate  | 2315-67-5  |
| 4-tert-Octylphenol diethoxylate  | 2315-61-9  |
| <i>4-tert-Octylphenol, ethoxylated</i>   | 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 |
| <b>Alkylophenols (APs)</b>   |            |
| <i>4-Heptylphenol, branched and linear</i>   | Several    |

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

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

| Chemical Name   | CAS Number |
|---|------------|
| <i>4,4'-Diaminodiphenylmethane and its salts</i>        | Several    |
| <i>4,4'-Diaminodiphenylmethane</i>                      | 101-77-9   |
| <i>2,4-Diaminotoluene and its salts</i>                 | Several    |
| <i>2,4-Diaminotoluene</i>                               | 95-80-7    |
| <i>4,4'-Methylenebis-(2-chloraniline) and its salts</i> | Several    |
| <i>4,4'-Methylenebis-(2-chloraniline)</i>               | 101-14-4   |
| <i>2-Naphthylamine and its salts</i>                    | Several    |
| <i>2-Naphthylamine</i>                                  | 91-59-8    |
| <i>2-Naphthylammonium acetate</i>                       | 553-00-4   |
| <b><i>Benzidines and its salts</i></b>                  | Several    |
| <i>Benzidine and its salts</i>                          | Several    |
| <i>Benzidine</i>  | 92-87-5    |
| <i>Benzidine dihydrochloride</i>                        | 531-85-1   |
| <i>Benzidine, sulfate (1:1)</i>                         | 531-86-2   |
| <i>Benzidine, sulfate</i>                               | 21136-70-9 |
| <i>Benzidine acetate</i>                                | 36341-27-2 |
| <i>3,3'-Dimethylbenzidine and its salts</i>             | Several    |
| <i>3,3'-Dimethylbenzidine</i>                           | 119-93-7   |
| <i>3,3'-Dichlorobenzidine and its salts</i>             | Several    |
| <i>3,3'-Dichlorobenzidine</i>                           | 91-94-1    |
| <i>o-Dianisidines and its salts</i>                     | Several    |
| <i>3,3'-Dimethoxybenzidine</i>                          | 119-90-4   |
| <b><i>Dianilines and its salts</i></b>                  | Several    |
| <i>4,4'-Oxydianiline and its salts</i>                  | Several    |
| <i>4,4'-Oxydianiline</i>                                | 101-80-4   |

| Chemical Name                                     | CAS Number |
|---|------------|
| <i>4,4'-Thiodianiline and its salts</i>           | Several    |
| <i>4,4'-Thiodianiline</i>                         | 139-65-1   |
| <b><i>Toluidines and its salts</i></b>            | Several    |
| <i>p-Cresidine and its salts</i>                  | Several    |
| <i>p-Cresidine</i>                                | 120-71-8   |
| <i>m-Toluidine and its salts</i>                  | Several    |
| <i>m-Toluidine</i>                                | 108-44-1   |
| <i>m-Toluidine hydrochloride</i>                  | 638-03-9   |
| <i>o-Toluidine and its salts</i>                  | Several    |
| <i>o-Toluidine</i>                                | 95-53-4    |
| <i>p-Toluidine and its salts</i>                  | Several    |
| <i>p-Toluidine</i>                                | 106-49-0   |
| <i>4,4'-Methylenedi-o-toluidine and its salts</i> | Several    |
| <i>4,4'-Methylenedi-o-toluidine</i>               | 838-88-0   |
| <b><i>Nitrotoluidines and its salts</i></b>       | Several    |
| <i>2-Amino-4-nitrotoluene and its salts</i>       | Several    |
| <i>2-Amino-4-nitrotoluene</i>                     | 99-55-8    |
| <b><i>Chlorotoluidines and its salts</i></b>      | Several    |
| <i>4-Chloro-2-toluidine and its salts</i>         | Several    |
| <i>4-Chloro-2-toluidine</i>                       | 95-69-2    |
| <i>4-Chloro-2-toluidine hydrochloride</i>         | 3165-93-3  |
| <b><i>Trimethylanilines and its salts</i></b>     | Several    |
| <i>2,4,5-Trimethylaniline and its salts</i>       | Several    |
| <i>2,4,5-Trimethylaniline</i>                     | 137-17-7   |
| <i>2,4,5-Trimethylaniline hydrochloride</i>       | 21436-97-5 |

| Chemical Name                            | CAS Number |
|--|------------|
| <b>Xylidines and its salts</b>           | 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 |
| <b>Chlorinated Benzenes and Toluenes</b> |            |
| <b>Chlorinated Benzenes</b>              | Several    |
| Dichlorobenzenes, all isomers            | Several    |
| 1,2-Dichlorobenzene                      | 95-50-1    |
| 1,3-Dichlorobenzene                      | 541-73-1   |
| 1,4-Dichlorobenzene                      | 106-46-7   |
| Trichlorobenzenes, all isomers           | Several    |
| 1,2,3-Trichlorobenzene                   | 87-61-6    |
| 1,2,4-Trichlorobenzene                   | 120-82-1   |
| 1,3,5-Trichlorobenzene                   | 108-70-3   |
| Tetrachlorobenzenes, all isomers         | Several    |
| 1,2,3,4-Tetrachlorobenzene               | 634-66-2   |
| 1,2,3,5-Tetrachlorobenzene               | 634-90-2   |
| 1,2,4,5-Tetrachlorobenzene               | 95-94-3    |
| <b>Chlorinated Toluenes</b>              | Several    |
| Monochlorotoluenes, all isomers          | Several    |
| 2-Chlorotoluene                          | 95-49-8    |
| 3-Chlorotoluene                          | 108-41-8   |
| 4-Chlorotoluene                          | 106-43-4   |

| Chemical Name  | CAS Number |
|--|------------|
| Dichlorotoluenes, all isomers                            | Several    |
| 2,3-Dichlorotoluene                                      | 32768-54-0 |
| 2,4-Dichlorotoluene                                      | 95-73-8    |
| 2,5-Dichlorotoluene                                      | 19398-61-9 |
| 2,6-Dichlorotoluene                                      | 118-69-4   |
| 3,4-Dichlorotoluene                                      | 95-75-0    |
| 3,5-Dichlorotoluene                                      | 25186-47-4 |
| Trichlorotoluenes, all isomers                           | Several    |
| 2,3,4-Trichlorotoluene                                   | 7359-72-0  |
| 2,3,6-Trichlorotoluene                                   | 2077-46-5  |
| 2,4,5-Trichlorotoluene                                   | 6639-30-1  |
| 2,4,6-Trichlorotoluene                                   | 23749-65-7 |
| 3,4,5-Trichlorotoluene                                   | 21472-86-6 |
| a,a,a-Trichlorotoluene                                   | 98-07-7    |
| Tetrachlorotoluenes, all isomers                         | Several    |
| 2,3,4,5-Tetrachlorotoluene                               | 1006-32-2  |
| 2,3,5,6-Tetrachlorotoluene                               | 1006-31-1  |
| 2,3,4,6-Tetrachlorotoluene                               | 875-40-1   |
| a,a,a,4-Tetrachlorotoluene                               | 5216-25-1  |
| a,a,a,2-Tetrachlorotoluene                               | 2136-89-2  |
| Chemical Name  | CAS Number |
| <b>Colorants</b>   |            |
| <b>Colorants which can cleave in carcinogenic amines</b> | Several    |
| Acid Black 29  | 12217-14-0 |
| Acid Black 94  | 6358-80-1  |

| <b>Chemical Name</b> | <b>CAS Number</b> |
|----------------------|-------------------|
| Acid Black 131       | 12219-01-1        |
| Acid Black 132       | 12219-02-2        |
| Acid Black 209       | 72827-68-0        |
| Acid Black 232       |                   |
| Acid Brown 415       | 97199-27-4        |
| Acid Orange 45       | 2429-80-3         |
| Acid Red 4           | 5858-39-9         |
| Acid Red 5           | 5858-63-9         |
| Acid Red 24          | 5858-30-0         |
| Acid Red 35          | 6441-93-6         |
| Acid Red 73          | 5413-75-2         |
| Acid Red 85          | 3567-65-5         |
| Acid Red 104         | 8006-06-2         |
| Acid Red 114         | 6459-94-5         |
| Acid Red 115         | 6226-80-8         |
| Acid Red 116         | 6245-62-1         |
| Acid Red 119:1       | 90880-75-4        |
| Acid Red 128         | 6548-30-7         |
| Acid Red 148         | 6300-53-4         |
| Acid Red 150         | 6226-78-4         |
| Acid Red 158         | 8004-55-5         |
| Acid Red 167         | 61901-41-5        |
| Acid Red 264         | 6505-96-0         |
| Acid Red 265         | 6358-43-6         |
| Acid Red 420         |                   |

| <b>Chemical Name</b> | <b>CAS Number</b> |
|----------------------|-------------------|
| Acid Violet 12       | 6625-46-3         |
| Basic Brown 4        | 8005-78-5         |
| Basic Red 42         | 12221-66-8        |
| Basic Red 76         | 68391-30-0        |
| Basic Red 111        | 113741-92-7       |
| Basic Red 114        |                   |
| Basic Yellow 82      | 71872-38-3        |
| Basic Yellow 103     |                   |
| Direct Black 4       | 25156-49-4        |
| Direct Black 29      | 25180-14-7        |
| Direct Black 154     | 54804-85-2        |
| Direct Blue 1        | 2610-05-1         |
| Direct Blue 2        | 2429-73-4         |
| Direct Blue 3        | 2429-72-3         |
| Direct Blue 8        | 2429-71-2         |
| Direct Blue 9        | 6428-98-4         |
| Direct Blue 10       | 4198-19-0         |
| Direct Blue 14       | 72-57-1           |
| Direct Blue 15       | 2429-74-5         |
| Direct Blue 21       | 6420-09-3         |
| Direct Blue 22       | 2586-57-4         |
| Direct Blue 25       | 25180-27-2        |
| Direct Blue 35       | 6473-33-2         |
| Direct Blue 53       | 314-13-6          |
| Direct Blue 151      | 110735-25-6       |

| <b>Chemical Name</b> | <b>CAS Number</b> |
|----------------------|-------------------|
| Direct Blue 160      | 12222-02-5        |
| Direct Blue 173      | 12235-72-2        |
| Direct Blue 192      | 159202-76-3       |
| Direct Blue 215      | 6771-80-8         |
| Direct Blue 295      | 6420-22-0         |
| Direct Blue 306      |                   |
| Direct Brown 1       | 3811-71-0         |
| Direct Brown 1:2     | 2586-58-5         |
| Direct Brown 2       | 25255-06-5        |
| Direct Brown 6       | 25180-39-6        |
| Direct Brown 25      | 33363-87-0        |
| Direct Brown 27      | 6360-29-8         |
| Direct Brown 31      | 25180-41-0        |
| Direct Brown 33      | 1324-87-4         |
| Direct Brown 51      | 4623-91-0         |
| Direct Brown 59      | 6247-51-4         |
| Direct Brown 74      | 8014-91-3         |
| Direct Brown 79      | 6483-77-8         |
| Direct Brown 101     | 3626-29-7         |
| Direct Brown 154     | 6360-54-9         |
| Direct Brown 222     | 64743-15-3        |
| Direct Brown 223     | 76930-14-8        |
| Direct Green 1       | 3626-28-6         |
| Direct Green 6       | 4335-09-5         |
| Direct Green 8       | 25180-47-6        |

| <b>Chemical Name</b> | <b>CAS Number</b> |
|----------------------|-------------------|
| Direct Green 8:1     | 76012-70-9        |
| Direct Green 85      | 72390-60-4        |
| Direct Orange 1      | 54579-28-1        |
| Direct Orange 6      | 6637-88-3         |
| Direct Orange 7      | 2868-76-0         |
| Direct Orange 8      | 64083-59-6        |
| Direct Orange 10     | 6405-94-3         |
| Direct Orange 108    | 6358-79-8         |
| Direct Red 1         | 25188-24-3        |
| Direct Red 2         | 992-59-6          |
| Direct Red 7         | 25188-28-7        |
| Direct Red 10        | 25188-29-8        |
| Direct Red 13        | 25188-30-1        |
| Direct Red 17        | 25188-32-3        |
| Direct Red 21        | 6406-01-5         |
| Direct Red 22        | 6448-80-2         |
| Direct Red 24        | 6420-44-6         |
| Direct Red 26        | 3687-80-7         |
| Direct Red 37        | 3530-19-6         |
| Direct Red 39        | 6358-29-8         |
| Direct Red 44        | 2302-97-8         |
| Direct Red 46        | 6548-29-4         |
| Direct Red 62        | 6420-43-5         |
| Direct Red 67        | 6598-56-7         |
| Direct Red 72        | 8005-64-9         |

| Chemical Name       | CAS Number |
|---------------------|------------|
| Direct Violet 1     | 25188-44-7 |
| Direct Violet 4     | 6472-95-3  |
| Direct Violet 12    | 2429-75-6  |
| Direct Violet 13    | 13478-92-7 |
| Direct Violet 21    | 25188-48-1 |
| Direct Violet 22    | 25329-82-2 |
| Direct Yellow 24    | 6486-29-9  |
| Direct Yellow 48    | 6459-97-8  |
| Disperse Orange 60  | 12270-44-9 |
| Disperse Red 151    | 61968-47-6 |
| Disperse Red 221    | 64426-35-3 |
| Disperse Yellow 7   | 6300-37-4  |
| Disperse Yellow 56  | 54077-16-6 |
| Disperse Yellow 218 | 83929-90-2 |
| Mordant Red 57      | 2429-84-7  |
| Mordant Yellow 16   | 8003-87-0  |
| Solvent Orange 7    | 3118-97-6  |
| Solvent Red 1       | 1229-55-6  |
| Solvent Red 19      | 6368-72-5  |
| Solvent Red 23      | 85-86-9    |
| Solvent Red 24      | 85-83-6    |
| Solvent Red 26      | 4477-79-6  |
| Solvent Red 68      | 61813-90-9 |
| Solvent Red 164     | 71819-51-7 |
| Solvent Red 215     | 85203-90-3 |

| Chemical Name                              | CAS Number |
|--|------------|
| Solvent Yellow 72                          | 61813-98-7 |
| Chemical Name                              | CAS Number |
| <b>Dioxins and Furans</b>                  |            |
| <i>Dioxins and Furans - Group 3</i>        | 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 |
| <b>Dioxins and Furans - Group 1 and 2</b>  |            |
| <i>Dioxins and Furans - Group 1</i>        | 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 |
| <i>Dioxins and Furans - Group 2</i>        |            |
| 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 |
| <b>Dioxins and Furans - Group 4 and 5</b>  |            |
|  | Several    |

| Chemical Name                         | CAS Number                |
|---------------------------------------|---------------------------|
| Dioxins and Furans - Group 4          | Several                   |
| 2,3,7,8-Tetrabromodibenzo-p-dioxin    | 50585-41-6                |
| 1,2,3,7,8-Pentabromodibenzo-p-dioxin  | 109333-34-8               |
| 2,3,7,8-Tetrabromodibenzofuran        | 67733-57-7                |
| 2,3,4,7,8-Pentabromodibenzofuran      | 131166-92-2               |
| Dioxins and Furans - Group 5          | Several                   |
| 1,2,3,4,7,8-Hexabromodibenzo-p-dioxin | 110999-44-5               |
| 1,2,3,6,7,8-Hexabromodibenzo-p-dioxin | 110999-45-6               |
| 1,2,3,7,8,9-Hexabromodibenzo-p-dioxin | 110999-46-7               |
| 1,2,3,7,8-Pentabromodibenzofuran      | 107555-93-1               |
| Chemical Name                         | CAS Number                |
| <b>Fibers</b>                         |                           |
| <b>Asbestos</b>                       | Several                   |
| Actinolite                            | 77536-66-4                |
| Amosite                               | 12172-73-5                |
| Anthophyllite                         | 77536-67-5                |
| Chrysotile                            | 12001-29-5<br>132207-32-0 |
| Crocidolite                           | 12001-28-4                |
| Tremolite                             | 77536-68-6                |
| Chemical Name                         | CAS Number                |
| <b>Flame retardants</b>               |                           |
| <b>Polybrominated diphenyl ethers</b> | Several                   |
| 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    |
| Tetrabromodiphenyl ether - (TetraBDE)                    | 40088-47-9  |
| 2,2',4,4'-Tetrabromodiphenyl ether                       | 5436-43-1   |
| Hexabromodiphenyl ether - (HexaBDE)                      | 36483-60-0  |
| 2,2',4,4',5,5'-Hexabromodiphenyl ether                   | 68631-49-2  |
| 2,2',4,4',5,6'-Hexabromodiphenyl ether                   | 207122-15-4 |
| Heptabromodiphenyl ether - (HeptaBDE)                    | 68928-80-3  |
| 2,2',3,3',4,5',6-Heptabromodiphenyl ether                | 446255-22-7 |
| 2,2',3,4,4',5',6-Heptabromodiphenyl ether                | 207122-16-5 |
| Chemical Name  | CAS Number  |
| <b>Greenhouse Gases, fluorinated</b>                     |             |
| Sulphur hexafluoride                                     | 2551-62-4   |
| Propanenitrile, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)- | 42532-60-5  |
| <b>Perfluorocarbons</b>                                  |             |
| Perfluoromethane   | 75-73-0     |
| Perfluoroethane  | 76-16-4     |
| Perfluoropropane   | 76-19-7     |
| Perfluorobutane  | 355-25-9    |
| Perfluoropentane   | 678-26-2    |
| Perfluorohexane  | 355-42-0    |
| Perfluorocyclobutane                                     | 115-25-3    |
| Perfluoro(2-methylpentane)                               | 355-04-4    |
| Perfluorodecalin   | 306-94-5    |
| <b>Hydrofluorocarbons</b>                                |             |
|  | Several     |

| Chemical Name   | CAS Number  |
|---|-------------|
| 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    |
| <b>Unsaturated hydro(chloro)fluorocarbons</b>   | Several     |
| HCFC 1224yd   | 3110-38-1   |
| 1,1-difluoroethylene  | 75-38-7     |
| 2-Pentene, 1,1,1,2,3,4,5,5,(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   |

| Chemical Name  | CAS Number  |
|--|-------------|
| 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   |
| <i>1,2-Difluoroethene - HFC 1132</i>   | 1691-13-0   |
| Cis-1,2-Difluoroethene   | 1630-77-9   |
| Trans-1,2-Difluoroethene   | 1630-78-0   |
| <b>Other fluorinated substances and compounds</b>  | 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    |
| Perfluorocyclopropane  | 931-91-9    |
| Perfluoro-N-methylmorpholine   | 382-28-5    |
| Perfluoramine  | 338-83-0    |
| <b>Fluorinated ethers, ketones and alcohols</b>  | Several     |

| Chemical Name   | CAS Number  |
|---|-------------|
| 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)-1,1,2,3,3-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-pentafluoro-                          | 422-05-9    |
| 2-Propanol, 1,1,1,3,3-hexafluoro-                         | 920-66-1    |
| HFE 227ea   | 2356-62-9   |
| HFE 236fa   | 20193-67-3  |
| HFE 245FA1  | 84011-15-4  |
| HFE 263mf   | 460-43-5    |

| Chemical Name   | CAS Number  |
|---|-------------|
| 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-heptafluoro-3-(trifluoromethyl)-                          | 756-12-7    |
| 1-Propene, 1,1,2,3,3-hexafluoro-, oxidized, polymd.                               | 69991-67-9  |
| 1,1,1,2,4,5,5-Nonafluoro-4-(trifluoromethyl)-3-pentanone                          | 756-13-8    |
| Chemical Name   | CAS Number  |
| <b>Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes</b> |             |
| <b>Polychlorinated Biphenyls</b>  | 1336-36-3   |
| 2-Chlorobiphenyl  | 2051-60-7   |
| 3-Chlorobiphenyl  | 2051-61-8   |
| 4-Chlorobiphenyl  | 2051-62-9   |
| 2,2'-Dichlorobiphenyl   | 13029-08-8  |
| 2,3-Dichlorobiphenyl  | 16605-91-7  |
| 2,3'-Dichlorobiphenyl   | 25569-80-6  |
| 2,4-Dichlorobiphenyl  | 33284-50-3  |
| 2,4'-Dichlorobiphenyl   | 34883-43-7  |

| Chemical Name             | CAS Number |
|---------------------------|------------|
| 2,5-Dichlorobiphenyl      | 34883-39-1 |
| 2,6-Dichlorobiphenyl      | 33146-45-1 |
| 3,3'-Dichlorobiphenyl     | 2050-67-1  |
| 3,4-Dichlorobiphenyl      | 2974-92-7  |
| 3,4'-Dichlorobiphenyl     | 2974-90-5  |
| 3,5-Dichlorobiphenyl      | 34883-41-5 |
| 4,4'-Dichlorobiphenyl     | 2050-68-2  |
| 2,2',3-Trichlorobiphenyl  | 38444-78-9 |
| 2,2',4-Trichlorobiphenyl  | 37680-66-3 |
| 2,2',5-Trichlorobiphenyl  | 37680-65-2 |
| 2,2',6-Trichlorobiphenyl  | 38444-73-4 |
| 2,3,3'-Trichlorobiphenyl  | 38444-84-7 |
| 2,3,4-Trichlorobiphenyl   | 55702-46-0 |
| 2,3,4'-Trichlorobiphenyl  | 38444-85-8 |
| 2,3,5-Trichlorobiphenyl   | 55720-44-0 |
| 2,3,6-Trichlorobiphenyl   | 55702-45-9 |
| 2,3',4-Trichlorobiphenyl  | 55712-37-3 |
| 2,3',5-Trichlorobiphenyl  | 38444-81-4 |
| 2,3',6-Trichlorobiphenyl  | 38444-76-7 |
| 2,4,4'-Trichlorobiphenyl  | 7012-37-5  |
| 2,4,5-Trichlorobiphenyl   | 15862-07-4 |
| 2,4,6-Trichlorobiphenyl   | 35693-92-6 |
| 2,4',5-Trichlorobiphenyl  | 16606-02-3 |
| 2,4',6-Trichlorobiphenyl  | 38444-77-8 |
| 2,3',4'-Trichlorobiphenyl | 38444-86-9 |

| Chemical Name                 | CAS Number |
|-------------------------------|------------|
| 2,3',5'-Trichlorobiphenyl     | 37680-68-5 |
| 3,3',4-Trichlorobiphenyl      | 37680-69-6 |
| 3,3',5-Trichlorobiphenyl      | 38444-87-0 |
| 3,4,4'-Trichlorobiphenyl      | 38444-90-5 |
| 3,4,5-Trichlorobiphenyl       | 53555-66-1 |
| 3,4',5-Trichlorobiphenyl      | 38444-88-1 |
| 2,2',3,3'-Tetrachlorobiphenyl | 38444-93-8 |
| 2,2',3,4-Tetrachlorobiphenyl  | 52663-59-9 |
| 2,2',3,4'-Tetrachlorobiphenyl | 36559-22-5 |
| 2,2',3,5-Tetrachlorobiphenyl  | 70362-46-8 |
| 2,2',3,5'-Tetrachlorobiphenyl | 41464-39-5 |
| 2,2',3,6-Tetrachlorobiphenyl  | 70362-45-7 |
| 2,2',3,6'-Tetrachlorobiphenyl | 41464-47-5 |
| 2,2',4,4'-Tetrachlorobiphenyl | 2437-79-8  |
| 2,2',4,5-Tetrachlorobiphenyl  | 70362-47-9 |
| 2,2',4,5'-Tetrachlorobiphenyl | 41464-40-8 |
| 2,2',4,6-Tetrachlorobiphenyl  | 62796-65-0 |
| 2,2',4,6'-Tetrachlorobiphenyl | 68194-04-7 |
| 2,2',5,5'-Tetrachlorobiphenyl | 35693-99-3 |
| 2,2',5,6'-Tetrachlorobiphenyl | 41464-41-9 |
| 2,2',6,6'-Tetrachlorobiphenyl | 15968-05-5 |
| 2,3,3',4-Tetrachlorobiphenyl  | 74338-24-2 |
| 2,3,3',4'-Tetrachlorobiphenyl | 41464-43-1 |
| 2,3,3',5-Tetrachlorobiphenyl  | 70424-67-8 |
| 2,3,3',5'-Tetrachlorobiphenyl | 41464-49-7 |

| Chemical Name                   | CAS Number |
|---------------------------------|------------|
| 2,3,3',6-Tetrachlorobiphenyl    | 74472-33-6 |
| 2,3,4,4'-Tetrachlorobiphenyl    | 33025-41-1 |
| 2,3,4,5-Tetrachlorobiphenyl     | 33284-53-6 |
| 2,3,4,6-Tetrachlorobiphenyl     | 54230-22-7 |
| 2,3,4',5-Tetrachlorobiphenyl    | 74472-34-7 |
| 2,3,4',6-Tetrachlorobiphenyl    | 52663-58-8 |
| 2,3,5,6-Tetrachlorobiphenyl     | 33284-54-7 |
| 2,3',4,4'-Tetrachlorobiphenyl   | 32598-10-0 |
| 2,3',4,5-Tetrachlorobiphenyl    | 73575-53-8 |
| 2,3',4,5'-Tetrachlorobiphenyl   | 73575-52-7 |
| 2,3',4,6-Tetrachlorobiphenyl    | 60233-24-1 |
| 2,3',4',5-Tetrachlorobiphenyl   | 32598-11-1 |
| 2,3',4',6-Tetrachlorobiphenyl   | 41464-46-4 |
| 2,3',5,5'-Tetrachlorobiphenyl   | 41464-42-0 |
| 2,3',5',6-Tetrachlorobiphenyl   | 74338-23-1 |
| 2,4,4',5-Tetrachlorobiphenyl    | 32690-93-0 |
| 2,4,4',6-Tetrachlorobiphenyl    | 32598-12-2 |
| 2,3',4',5'-Tetrachlorobiphenyl  | 70362-48-0 |
| 3,3',4,4'-Tetrachlorobiphenyl   | 32598-13-3 |
| 3,3',4,5-Tetrachlorobiphenyl    | 70362-49-1 |
| 3,3',4,5'-Tetrachlorobiphenyl   | 41464-48-6 |
| 3,3',5,5'-Tetrachlorobiphenyl   | 33284-52-5 |
| 3,4,4',5-Tetrachlorobiphenyl    | 70362-50-4 |
| 2,2',3,3',4-Pentachlorobiphenyl | 52663-62-4 |
| 2,2',3,3',5-Pentachlorobiphenyl | 60145-20-2 |

| Chemical Name                    | CAS Number |
|----------------------------------|------------|
| 2,2',3,3',6-Pentachlorobiphenyl  | 52663-60-2 |
| 2,2',3,4,4'-Pentachlorobiphenyl  | 65510-45-4 |
| 2,2',3,4,5-Pentachlorobiphenyl   | 55312-69-1 |
| 2,2',3,4,5'-Pentachlorobiphenyl  | 38380-02-8 |
| 2,2',3,4,6-Pentachlorobiphenyl   | 55215-17-3 |
| 2,2',3,4,6'-Pentachlorobiphenyl  | 73575-57-2 |
| 2,2',3,4',5-Pentachlorobiphenyl  | 68194-07-0 |
| 2,2',3,4',6-Pentachlorobiphenyl  | 68194-05-8 |
| 2,2',3,5,5'-Pentachlorobiphenyl  | 52663-61-3 |
| 2,2',3,5,6-Pentachlorobiphenyl   | 73575-56-1 |
| 2,2',3,5,6'-Pentachlorobiphenyl  | 73575-55-0 |
| 2,2',3,5',6-Pentachlorobiphenyl  | 38379-99-6 |
| 2,2',3,6,6'-Pentachlorobiphenyl  | 73575-54-9 |
| 2,2',3,4',5'-Pentachlorobiphenyl | 41464-51-1 |
| 2,2',3,4',6'-Pentachlorobiphenyl | 60233-25-2 |
| 2,2',4,4',5-Pentachlorobiphenyl  | 38380-01-7 |
| 2,2',4,4',6-Pentachlorobiphenyl  | 39485-83-1 |
| 2,2',4,5,5'-Pentachlorobiphenyl  | 37680-73-2 |
| 2,2',4,5,6'-Pentachlorobiphenyl  | 68194-06-9 |
| 2,2',4,5',6-Pentachlorobiphenyl  | 60145-21-3 |
| 2,2',4,6,6'-Pentachlorobiphenyl  | 56558-16-8 |
| 2,3,3',4,4'-Pentachlorobiphenyl  | 32598-14-4 |
| 2,3,3',4,5-Pentachlorobiphenyl   | 70424-69-0 |
| 2,3,3',4',5-Pentachlorobiphenyl  | 70424-68-9 |
| 2,3,3',4,5'-Pentachlorobiphenyl  | 70362-41-3 |

| Chemical Name                     | CAS Number |
|-----------------------------------|------------|
| 2,3,3',4,6-Pentachlorobiphenyl    | 74472-35-8 |
| 2,3,3',4',6-Pentachlorobiphenyl   | 38380-03-9 |
| 2,3,3',5,5'-Pentachlorobiphenyl   | 39635-32-0 |
| 2,3,3',5,6-Pentachlorobiphenyl    | 74472-36-9 |
| 2,3,3',5',6-Pentachlorobiphenyl   | 68194-10-5 |
| 2,3,4,4',5-Pentachlorobiphenyl    | 74472-37-0 |
| 2,3,4,4',6-Pentachlorobiphenyl    | 74472-38-1 |
| 2,3,4,5,6-Pentachlorobiphenyl     | 18259-05-7 |
| 2,3,4',5,6-Pentachlorobiphenyl    | 68194-11-6 |
| 2,3',4,4',5-Pentachlorobiphenyl   | 31508-00-6 |
| 2,3',4,4',6-Pentachlorobiphenyl   | 56558-17-9 |
| 2,3',4,5,5'-Pentachlorobiphenyl   | 68194-12-7 |
| 2,3',4,5',6-Pentachlorobiphenyl   | 56558-18-0 |
| 2,3,3',4',5'-Pentachlorobiphenyl  | 76842-07-4 |
| 2,3',4,4',5'-Pentachlorobiphenyl  | 65510-44-3 |
| 2,3',4',5,5'-Pentachlorobiphenyl  | 70424-70-3 |
| 2,3',4',5',6-Pentachlorobiphenyl  | 74472-39-2 |
| 3,3',4,4',5-Pentachlorobiphenyl   | 57465-28-8 |
| 3,3',4,5,5'-Pentachlorobiphenyl   | 39635-33-1 |
| 2,2',3,3',4,4'-Hexachlorobiphenyl | 38380-07-3 |
| 2,2',3,3',4,5-Hexachlorobiphenyl  | 55215-18-4 |
| 2,2',3,3',4,5'-Hexachlorobiphenyl | 52663-66-8 |
| 2,2',3,3',4,6-Hexachlorobiphenyl  | 61798-70-7 |
| 2,2',3,3',4,6'-Hexachlorobiphenyl | 38380-05-1 |
| 2,2',3,3',5,5'-Hexachlorobiphenyl | 35694-04-3 |

| Chemical Name                     | CAS Number |
|-----------------------------------|------------|
| 2,2',3,3',5,6-Hexachlorobiphenyl  | 52704-70-8 |
| 2,2',3,3',5,6'-Hexachlorobiphenyl | 52744-13-5 |
| 2,2',3,3',6,6'-Hexachlorobiphenyl | 38411-22-2 |
| 2,2',3,4,4',5-Hexachlorobiphenyl  | 35694-06-5 |
| 2,2',3,4,4',5'-Hexachlorobiphenyl | 35065-28-2 |
| 2,2',3,4,4',6-Hexachlorobiphenyl  | 56030-56-9 |
| 2,2',3,4,4',6'-Hexachlorobiphenyl | 59291-64-4 |
| 2,2',3,4,5,5'-Hexachlorobiphenyl  | 52712-04-6 |
| 2,2',3,4,5,6-Hexachlorobiphenyl   | 41411-61-4 |
| 2,2',3,4,5,6'-Hexachlorobiphenyl  | 68194-15-0 |
| 2,2',3,4,5',6-Hexachlorobiphenyl  | 68194-14-9 |
| 2,2',3,4,6,6'-Hexachlorobiphenyl  | 74472-40-5 |
| 2,2',3,4',5,5'-Hexachlorobiphenyl | 51908-16-8 |
| 2,2',3,4',5,6-Hexachlorobiphenyl  | 68194-13-8 |
| 2,2',3,4',5,6'-Hexachlorobiphenyl | 74472-41-6 |
| 2,2',3,4',5',6-Hexachlorobiphenyl | 38380-04-0 |
| 2,2',3,4',6,6'-Hexachlorobiphenyl | 68194-08-1 |
| 2,2',3,5,5',6-Hexachlorobiphenyl  | 52663-63-5 |
| 2,2',3,5,6,6'-Hexachlorobiphenyl  | 68194-09-2 |
| 2,2',4,4',5,5'-Hexachlorobiphenyl | 35065-27-1 |
| 2,2',4,4',5,6-Hexachlorobiphenyl  | 60145-22-4 |
| 2,2',4,4',6,6'-Hexachlorobiphenyl | 33979-03-2 |
| 2,3,3',4,4',5-Hexachlorobiphenyl  | 38380-08-4 |
| 2,3,3',4,4',5'-Hexachlorobiphenyl | 69782-90-7 |
| 2,3,3',4,4',6-Hexachlorobiphenyl  | 74472-42-7 |

| Chemical Name                        | CAS Number |
|--------------------------------------|------------|
| 2,3,3',4,5,5'-Hexachlorobiphenyl     | 39635-35-3 |
| 2,3,3',4,5,6-Hexachlorobiphenyl      | 41411-62-5 |
| 2,3,3',4,5',6-Hexachlorobiphenyl     | 74472-43-8 |
| 2,3,3',4',5,5'-Hexachlorobiphenyl    | 39635-34-2 |
| 2,3,3',4',5,6-Hexachlorobiphenyl     | 74472-44-9 |
| 2,3,3',4',5,6-Hexachlorobiphenyl     | 74472-45-0 |
| 2,3,3',5,5',6-Hexachlorobiphenyl     | 74472-46-1 |
| 2,3,4,4',5,6-Hexachlorobiphenyl      | 41411-63-6 |
| 2,3',4,4',5,5'-Hexachlorobiphenyl    | 52663-72-6 |
| 2,3',4,4',5,6-Hexachlorobiphenyl     | 59291-65-5 |
| 3,3',4,4',5,5'-Hexachlorobiphenyl    | 32774-16-6 |
| 2,2',3,3',4,4',5-Heptachlorobiphenyl | 35065-30-6 |
| 2,2',3,3',4,4',6-Heptachlorobiphenyl | 52663-71-5 |
| 2,2',3,3',4,5,5'-Heptachlorobiphenyl | 52663-74-8 |
| 2,2',3,3',4,5,6-Heptachlorobiphenyl  | 68194-16-1 |
| 2,2',3,3',4,5,6'-Heptachlorobiphenyl | 38411-25-5 |
| 2,2',3,3',4,5,6-Heptachlorobiphenyl  | 40186-70-7 |
| 2,2',3,3',4,6,6'-Heptachlorobiphenyl | 52663-65-7 |
| 2,2',3,3',4,5,6'-Heptachlorobiphenyl | 52663-70-4 |
| 2,2',3,3',5,5',6-Heptachlorobiphenyl | 52663-67-9 |
| 2,2',3,3',5,6,6'-Heptachlorobiphenyl | 52663-64-6 |
| 2,2',3,4,4',5,5'-Heptachlorobiphenyl | 35065-29-3 |
| 2,2',3,4,4',5,6-Heptachlorobiphenyl  | 74472-47-2 |
| 2,2',3,4,4',5,6'-Heptachlorobiphenyl | 60145-23-5 |
| 2,2',3,4,4',5,6-Heptachlorobiphenyl  | 52663-69-1 |

| Chemical Name                            | CAS Number |
|--|------------|
| 2,2',3,4,4',6,6'-Heptachlorobiphenyl     | 74472-48-3 |
| 2,2',3,4,5,5',6-Heptachlorobiphenyl      | 52712-05-7 |
| 2,2',3,4,5,6,6'-Heptachlorobiphenyl      | 74472-49-4 |
| 2,2',3,4',5,5',6-Heptachlorobiphenyl     | 52663-68-0 |
| 2,2',3,4',5,6,6'-Heptachlorobiphenyl     | 74487-85-7 |
| 2,3,3',4,4',5,5'-Heptachlorobiphenyl     | 39635-31-9 |
| 2,3,3',4,4',5,6-Heptachlorobiphenyl      | 41411-64-7 |
| 2,3,3',4,4',5,6-Heptachlorobiphenyl      | 74472-50-7 |
| 2,3,3',4,5,5',6-Heptachlorobiphenyl      | 74472-51-8 |
| 2,3,3',4',5,5',6-Heptachlorobiphenyl     | 69782-91-8 |
| 2,2',3,3',4,4',5,5'-Octachlorobiphenyl   | 35694-08-7 |
| 2,2',3,3',4,4',5,6-Octachlorobiphenyl    | 52663-78-2 |
| 2,2',3,3',4,4',5,6-Octachlorobiphenyl    | 42740-50-1 |
| 2,2',3,3',4,4',6,6'-Octachlorobiphenyl   | 33091-17-7 |
| 2,2',3,3',4,5,5',6-Octachlorobiphenyl    | 68194-17-2 |
| 2,2',3,3',4,5,5',6-Octachlorobiphenyl    | 52663-75-9 |
| 2,2',3,3',4,5,6,6'-Octachlorobiphenyl    | 52663-73-7 |
| 2,2',3,3',4,5,6,6'-Octachlorobiphenyl    | 40186-71-8 |
| 2,2',3,3',5,5',6,6'-Octachlorobiphenyl   | 2136-99-4  |
| 2,2',3,4,4',5,5',6-Octachlorobiphenyl    | 52663-76-0 |
| 2,2',3,4,4',5,6,6'-Octachlorobiphenyl    | 74472-52-9 |
| 2,3,3',4,4',5,5',6-Octachlorobiphenyl    | 74472-53-0 |
| 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl | 40186-72-9 |
| 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl | 52663-79-3 |
| 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl | 52663-77-1 |

| Chemical Name                            | CAS Number |
|--|------------|
| Nonachlorobiphenyl (mixed isomers)       | 53742-07-7 |
| Decachlorobiphenyl                       | 2051-24-3  |
| <b>Polychlorinated Naphthalenes</b>      | Several    |
| <i>Monochloro naphthalene</i>            | 25586-43-0 |
| 1-Chloronaphthalene                      | 90-13-1    |
| 2-Chloronaphthalene                      | 91-58-7    |
| <i>Dichloro naphthalene</i>              | 28699-88-9 |
| Naphthalene, 1,3-dichloro-               | 2198-75-6  |
| Naphthalene, 1,4-dichloro-               | 1825-31-6  |
| Naphthalene, 1,5-dichloro-               | 1825-30-5  |
| Naphthalene, 2,7-dichloro-               | 2198-77-8  |
| Chemical Name                            | CAS Number |
| <b>Metals</b>                            |            |
| <b>Antimony, its salts and compounds</b> | Several    |
| Antimony                                 | 7440-36-0  |
| <b>Arsenic, its salts and compounds</b>  | Several    |
| Arsenic                                  | 7440-38-2  |
| Arsenic acid                             | 7778-39-4  |
| Calcium arsenate                         | 7778-44-1  |
| Triethyl arsenate                        | 15606-95-8 |
| Diarsenic pentaoxide                     | 1303-28-2  |
| Diarsenic trioxide                       | 1327-53-3  |
| <b>Barium, its salts and compounds</b>   | Several    |
| Barium                                   | 7440-39-3  |
| <b>Cadmium, its salts and compounds</b>  | Several    |

| Chemical Name  | CAS Number               |
|--|--------------------------|
| Cadmium  | 7440-43-9                |
| Cadmium fluoride   | 7790-79-6                |
| Cadmium sulphate   | 10124-36-4<br>31119-53-6 |
| Cadmium nitrate  | 10325-94-7               |
| Cadmium hydroxide  | 21041-95-2               |
| Cadmium carbonate  | 513-78-0                 |
| Cadmium chloride   | 10108-64-2               |
| Cadmium sulphide   | 1306-23-6                |
| Cadmium oxide  | 1306-19-0                |
| <b>Chromium, its salts and compounds - except Chromium VI, its salts and compounds</b> | Several                  |
| Chromium   | 7440-47-3                |
| <b>Chromium VI, its salts and compounds</b>  | Several                  |
| Ammonium dichromate  | 7789-09-5                |
| Chromium VI  | 18540-29-9               |
| Chromium trioxide  | 1333-82-0                |
| Dichromium tris(chromate)  | 24613-89-6               |
| Lead chromate  | 7758-97-6                |
| Pentazinc chromate octahydroxide   | 49663-84-5               |
| Potassium hydroxyoctaoxodizincate dichromate   | 11103-86-9               |
| Potassium chromate   | 7789-00-6                |
| Potassium dichromate   | 7778-50-9                |
| Sodium chromate  | 7775-11-3                |
| Strontium chromate   | 7789-06-2                |
| <i>Acids generated from chromium trioxide and their oligomers</i>                      | Several                  |

| Chemical Name                                | CAS Number               |
|--|--------------------------|
| Dichromic acid                               | 13530-68-2               |
| Chromic acid                                 | 7738-94-5                |
| Oligomers of chromic acid and dichromic acid |                          |
| <i>Sodium dichromate derivatives</i>         | Several                  |
| Sodium dichromate dihydrate                  | 7789-12-0                |
| Sodium dichromate anhydrous                  | 10588-01-9               |
| <b>Cobalt, its salts and compounds</b>       | Several                  |
| Cobalt                                       | 7440-48-4                |
| Cobalt(II) carbonate                         | 513-79-1                 |
| Cobalt(II) diacetate                         | 71-48-7                  |
| Cobalt(II) dinitrate                         | 10141-05-6<br>10026-22-9 |
| Cobalt(II) sulphate                          | 10124-43-3<br>10026-24-1 |
| Cobalt dichloride                            | 7646-79-9                |
| <b>Copper, its salts and compounds</b>       | Several                  |
| Copper                                       | 7440-50-8                |
| <b>Lead, its salts and compounds</b>         | Several                  |
| Lead   | 7439-92-1                |
| Lead diacetate                               | 301-04-2<br>6080-56-4    |
| Trilead dioxide phosphonate                  | 12141-20-7               |
| Pigment White 1                              | 1319-46-6                |
| Tetralead trioxide sulphate                  | 12202-17-4               |
| Sulfurous acid, lead salt, dibasic           | 62229-08-7               |
| Silicic acid, lead salt                      | 11120-22-2               |

| Chemical Name                               | CAS Number |
|---|------------|
| Silicic acid, barium salt (1:1), lead-doped | 68784-75-8 |
| Pyrochlore, antimony lead yellow            | 8012-00-8  |
| Pentalead tetraoxide sulphate               | 12065-90-6 |
| Orange lead                                 | 1314-41-6  |
| Lead titanium zirconium oxide               | 12626-81-2 |
| Lead titanium trioxide                      | 12060-00-3 |
| Lead oxide sulfate                          | 12036-76-9 |
| Lead monoxide                               | 1317-36-8  |
| Lead dinitrate                              | 10099-74-8 |
| Lead cyanamidate                            | 20837-86-9 |
| Fatty acids, C16-18, lead salts             | 91031-62-8 |
| Dioxobis(stearato)trilead                   | 12578-12-0 |
| Acetic acid, lead salt, basic               | 51404-69-4 |
| [Phthalato(2-)] dioxotrilead                | 69011-06-9 |
| Lead(II) bis(methanesulfonate)              | 17570-76-2 |
| Trilead diarsenate                          | 3687-31-8  |
| Lead styphnate                              | 15245-44-0 |
| Lead dipicrate                              | 6477-64-1  |
| Lead diazide                                | 13424-46-9 |
| Lead bis(tetrafluoroborate)                 | 13814-96-5 |
| Lead hydrogen arsenate                      | 7784-40-9  |
| Tetraethyllead                              | 78-00-2    |
| <b>Mercury, its salts and compounds</b>     | Several    |
| Mercury                                     | 7439-97-6  |
| <b>Nickel, its salts and compounds</b>      | Several    |

| Chemical Name   | CAS Number |
|---|------------|
| Nickel  | 7440-02-0  |
| <b>Selenium, its salts and compounds</b>                                  | Several    |
| Selenium  | 7782-49-2  |
| <b>Silver, its salts and compounds</b>                                    | Several    |
| Silver  | 7440-22-4  |
| Chemical Name   | CAS Number |
| <b>Ozone Depleting Substances (according to Regulation (EU) 2024/590)</b> |            |
| <b>Ozone depleting substances (CFCs) class I</b>                          | Several    |
| Trichlorofluoromethane - (CFC-11)   | 75-69-4    |
| Dichlorodifluoromethane - (CFC-12)  | 75-71-8    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane - (CFC-113)                         | 76-13-1    |
| 1,1,1-Trichloro-2,2,2-trifluoroethane - (CFC-113a)                        | 354-58-5   |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane - (CFC-114)                        | 76-14-2    |
| 1,1-Dichloro-1,2,2,2-tetrafluoroethane - (CFC-114a)                       | 374-07-2   |
| Monochloropentafluoroethane - (CFC-115)                                   | 76-15-3    |
| Bromochlorodifluoromethane - (Halon-1211)                                 | 353-59-3   |
| Bromotrifluoromethane - (Halon-1301)                                      | 75-63-8    |
| Dibromotetrafluoroethane - (Halon-2402)                                   | 124-73-2   |
| Chlorotrifluoromethane - (CFC-13)   | 75-72-9    |
| Pentachlorofluoroethane - (CFC-111)                                       | 354-56-3   |
| 1,1,2,2-Tetrachloro-1,2-difluoroethane - (CFC-112)                        | 76-12-0    |
| 1,1,1,2-Tetrachlorodifluoroethane - (CFC-112a)                            | 76-11-9    |
| Heptachlorofluoropropane - (CFC-211)                                      | 422-78-6   |
| Hexachlorodifluoropropane - (CFC-212)                                     | 3182-26-1  |
| Pentachlorotrifluoropropane - (CFC-213)                                   | 2354-06-5  |

| Chemical Name  | CAS Number  |
|--|-------------|
| 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-heptafluoropropane - (CFC-217ba)          | 76-18-6     |
| Carbon tetrachloride - (CTC)                                   | 56-23-5     |
| Methyl bromide   | 74-83-9     |
| Dibromofluoromethane - (HBFC-21 B2)                            | 1868-53-7   |
| Bromodifluoromethane - (HBFC-22 B1)                            | 1511-62-2   |
| Bromofluoromethane - (HBFC-31 B1)                              | 373-52-4    |
| Tetrabromofluoroethane - (HBFC-121 B4)                         | 353-93-5    |
| Tribromodifluoroethane - (HBFC-122 B3)                         | 353-97-9    |
| 1,2-Dibromo-1,1,2-trifluoroethane - (HBFC-123 B2 / Halon 2302) | 354-04-1    |
| Bromotetrafluoroethane - (HBFC-124 B1)                         | 354-07-4    |
| Tribromofluoroethane - (HBFC-131 B3)                           | 172912-75-3 |
| 1,2-Dibromo-1,1-difluoroethane - (HBFC-132 B2)                 | 75-82-1     |
| Bromotrifluoroethane - (HBFC-133 B1)                           |             |
| 1-Bromo-2,2,2-trifluoroethane - (HBFC-133a B1)                 | 421-06-7    |
| 1,2-Dibromofluoroethane - (HBFC-141 B2)                        | 358-97-4    |
| 2-Bromo-1,1-difluoroethane - (HBFC-142 B1)                     | 359-07-9    |

| Chemical Name                                     | CAS Number  |
|---|-------------|
| 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   |
| Pentabromofluoropropane - (HBFC-231 B5)           |             |
| Tetrabromodifluoropropane - (HBFC-232 B4)         | 148875-98-3 |
| Tribromotrifluoropropane - (HBFC-233 B3)          | 431-48-1    |
| Dibromotetrafluoropropane - (HBFC-234 B2)         | 460-86-6    |
| Bromopentafluoropropane - (HBFC-235 B1)           | 460-88-8    |
| Tetrabrobofluoropropane - (HBFC-241 B4)           |             |
| Tribromodifluoropropane - (HBFC-242 B3)           | 666-25-1    |
| Dibromotrifluoropropane - (HBFC-243 B2)           | 460-60-6    |
| Bromotetrafluoropropane - (HBFC-244 B1)           | 460-67-3    |
| Tribromofluoropropane - (HBFC-251 B1)             | 75372-14-4  |
| Dibromodifluoropropane - (HBFC-252 B2)            | 51584-25-9  |
| 3-Bromo-1,1,1-trifluoropropane - (HBFC-253 B1)    | 460-32-2    |
| 1,2-Dibromo-3-fluoropropane - (HBFC-261 B2)       | 453-00-9    |
| Monobromodifluoropropane - (HBFC-262 B1)          | 461-49-4    |
| 1-Bromo-2-fluoropropane - (HBFC-271 B1)           | 1871-72-3   |
| Chlorobromomethane - (BCM / Halon-1011)           | 74-97-5     |
| <b>Ozone depleting substances (CFCs) class II</b> | Several     |
| Dibromodifluoromethane - (Halon-1202)             | 75-61-6     |
| 1-Bromopropane - (HBC 280 B1 / n-PB)              | 106-94-5    |

| Chemical Name                                    | CAS Number |
|--|------------|
| Bromoethane - (HBC 160 B1 / EtBr)                | 74-96-4    |
| Trifluoriodomethane - (FIC 013 I1 / TFIM)        | 2314-97-8  |
| Methyl chloride - (HCC 040 / MC)                 | 74-87-3    |
| Dichlorofluoromethane - (HCFC-21)                | 75-43-4    |
| Monochlorodifluoromethane - (HCFC-22)            | 75-45-6    |
| Monochlorofluoromethane - (HCFC-31)              | 593-70-4   |
| 1,1,2,2-Tetrachloro-1-fluoroethane - (HCFC-121)  | 354-14-3   |
| 1,1,1,2-Tetrachloro-2-fluoroethane - (HCFC-121a) | 354-11-0   |
| Trichlorodifluoroethane - (HCFC-122)             | 354-21-2   |
| Dichlorotrifluoroethane - (HCFC-123)             | 306-83-2   |
| 1,2-Dichloro-1,1,2-trifluoroethane - (HCFC-123a) | 354-23-4   |
| Monochlorotetrafluoroethane - (HCFC-124)         | 2837-89-0  |
| 1-Chloro-1,1,2,2-tetrafluoroethane - (HCFC-124a) | 354-25-6   |
| Trichlorofluoroethane - (HCFC-131)               | 359-28-4   |
| 1,2-Dichloro-1,2-difluoroethane - (HCFC-132)     | 431-06-1   |
| 1,2-Dichloro-1,1-difluoroethane - (HCFC-132b)    | 1649-08-7  |
| Monochlorotrifluoroethane - (HCFC-133)           | 1330-45-6  |
| 2-Chloro-1,1,1-trifluoroethane - (HCFC-133a)     | 75-88-7    |
| 1,2-Dichloro-1-fluoroethane - (HCFC-141)         | 430-57-9   |
| Dichlorofluoroethane - (HCFC-141b)               | 1717-00-6  |
| Chlorodifluoroethane - (HCFC-142)                |            |
| Monochlorodifluoroethane - (HCFC-142b)           | 75-68-3    |
| Chlorofluoroethane - (HCFC-151)                  |            |
| 1-Chloro-1-fluoroethane - (HCFC-151a)            | 1615-75-4  |
| Hexachlorofluoropropane - (HCFC-221)             | 29470-94-8 |

| Chemical Name   | CAS Number  |
|---|-------------|
| 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-hexafluoropropane - (HCFC-226da)       | 431-87-8    |
| Pentachlorofluoropropane - (HCFC-231)                     | 421-94-3    |
| 1,1,3,3-Tetrachloro-2,2-difluoropropane - (HCFC-232ca)    | 1112-14-7   |
| 1,1,3-Trichloro-1,2,2-trifluoropropane - (HCFC-233cb)     | 421-99-8    |
| Tetrachlorodifluoropropane - (HCFC-232)                   | 460-89-9    |
| Trichlorotrifluoropropane - (HCFC-233)                    | 7125-84-0   |
| Dichlorotetrafluoropropane - (HCFC-234)                   | 127564-83-4 |
| 1-Chloro-1,2,2,3,3-pentafluoropropane - (HCFC-235ca)      | 679-99-2    |
| Monochloropentafluoropropane - (HCFC-235)                 | 460-92-4    |
| Tetrachlorofluoropropane - (HCFC-241)                     | 134190-49-1 |
| Trichlorodifluoropropane - (HCFC-242)                     | 127564-90-3 |
| Dichlorotrifluoropropane - (HCFC-243)                     | 116890-51-8 |
| Monochlorotetrafluoropropane - (HCFC-244)                 | 134190-50-4 |
| Trichloromonofluoropropane - (HCFC-251)                   | 134190-51-5 |

| Chemical Name                                  | CAS Number                |
|--|---------------------------|
| Dichlorodifluoropropane - (HCFC-252)           | 134190-52-6               |
| Monochlorotrifluoropropane - (HCFC-253)        | 134237-44-8<br>26588-23-8 |
| 3-Chloro-1,1,1-trifluoropropane - (HCFC-253fb) | 460-35-5                  |
| Dichlorofluoropropane - (HCFC-261)             | 420-97-3                  |
| 1-Chloro-2,2-difluoropropane - (HCFC-262ca)    | 420-99-5                  |
| 2-Chloro-2-fluoropropane - (HCFC-271b)         | 420-44-0                  |
| Monochlorodifluoropropane - (HCFC-262)         | 421-02-3                  |
| Monochlorofluoropropane - (HCFC-271)           | 430-55-7                  |
| Chemical Name                                  | CAS Number                |
| Pesticides                                     |                           |
| Alachlor                                       | 15972-60-8                |
| Aldicarb                                       | 116-06-3                  |
| Aldrin   | 309-00-2                  |
| Atrazine                                       | 1912-24-9                 |
| Azinphos methyl                                | 86-50-0                   |
| Azinphos-ethyl                                 | 2642-71-9                 |
| Binapacryl                                     | 485-31-4                  |
| Bromophos-ethyl                                | 4824-78-6                 |
| Captafol                                       | 2425-06-1                 |
| Carbaryl                                       | 63-25-2                   |
| Carbendazim                                    | 10605-21-7                |
| Chlordane                                      | 57-74-9                   |
| Chlordecone                                    | 143-50-0                  |
| Chlordimeform                                  | 6164-98-3                 |

| Chemical Name   | CAS Number                 |
|---|----------------------------|
| Chlorfenvinphos   | 470-90-6                   |
| Chlorobenzilate   | 510-15-6                   |
| Chlorpyrifos  | 2921-88-2                  |
| Chlorothalonil  | 1897-45-6                  |
| Clothianidin  | 210880-92-5                |
| Coumaphos   | 56-72-4                    |
| Cyfluthrin  | 68359-37-5<br>1820573-27-0 |
| Cyhalothrin, lambda   | 91465-08-6                 |
| Cypermethrin  | 52315-07-8                 |
| Deltamethrin  | 52918-63-5                 |
| Demeton-S-methyl (ISO)  | 919-86-8                   |
| Diazinon  | 333-41-5                   |
| 1,2-Dibromo-3-chloropropane   | 96-12-8                    |
| Dichlofenthion  | 97-17-6                    |
| Dichlofuanide   | 1085-98-9                  |
| o,p'-Dichlorodiphenyl-dichloroethane  | 53-19-0                    |
| p,p'-Dichlorodiphenyl dichloroethane  | 72-54-8                    |
| o,p'-Dichlorodiphenyl-dichloroethylene  | 3424-82-6                  |
| p,p'-Dichlorodiphenyl-dichloroethylene  | 72-55-9                    |
| o,p'-Dichlorodiphenyl-trichloroethane and its isomers - preparations containing DDT and its isomers | 789-02-6                   |
| p,p'-Dichlorodiphenyl-trichloroethane and its isomers - preparations containing DDT and its isomers | 50-29-3                    |
| 4,6-Dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoro-methyl-benzimidazole                            | 63405-99-2                 |
| Dichlorprop   | 120-36-5                   |

| Chemical Name      | CAS Number             |
|--------------------|------------------------|
| Dichlorvos         | 62-73-7                |
| Dicofol            | 115-32-2<br>10606-46-9 |
| Dicrotophos        | 141-66-2               |
| Dicyclanil         | 112636-83-6            |
| Dieldrin           | 60-57-1                |
| Diflubenzuron      | 35367-38-5             |
| Dimethoate         | 60-51-5                |
| Dinotefuran        | 165252-70-0            |
| Dinoterb           | 1420-07-1              |
| Disulfoton         | 298-04-4               |
| Diuron             | 330-54-1               |
| DNOC               | 534-52-1               |
| Endosulfan         | 115-29-7               |
| Endosulfan, alpha  | 959-98-8               |
| Endosulfan, beta   | 33213-65-9             |
| Endrin             | 72-20-8                |
| Esfenvalerate      | 66230-04-4             |
| Ethion             | 563-12-2               |
| Ethyl parathion    | 56-38-2                |
| Ethylene dibromide | 106-93-4               |
| Fenchlorphos       | 299-84-3               |
| Fenitrothion       | 122-14-5               |
| Fenvalerate        | 51630-58-1             |
| Flumethrin         | 69770-45-2             |

| Chemical Name       | CAS Number                 |
|---------------------|----------------------------|
| Glyphosate          | 1071-83-6                  |
| Heptachlor          | 76-44-8                    |
| Heptachlor epoxide  | 1024-57-3                  |
| Imidacloprid (ISO)  | 105827-78-9<br>138261-41-3 |
| Isodrin             | 465-73-6                   |
| Isoproturon         | 34123-59-6                 |
| Kelevan             | 4234-79-1                  |
| Linuron             | 330-55-2                   |
| Malathion           | 121-75-5                   |
| MCPA                | 94-74-6                    |
| MCPB                | 94-81-5                    |
| Mecoprop            | 93-65-2                    |
| Methamidophos       | 10265-92-6                 |
| Methoxychlor        | 72-43-5                    |
| Methyl parathion    | 298-00-0                   |
| Mevinophos          | 7786-34-7                  |
| Mirex               | 2385-85-5                  |
| Monocrotophos       | 6923-22-4                  |
| Monolinuron         | 1746-81-2                  |
| Omethoate           | 1113-02-6                  |
| Oxydemeton-methyl   | 301-12-2                   |
| Paraquat dication   | 4685-14-7                  |
| Paraquat dichloride | 1910-42-5                  |
| Pentachloroanisole  | 1825-21-4                  |

| Chemical Name                                       | CAS Number  |
|---|-------------|
| Perthane  | 72-56-0     |
| Phosphamidon  | 13171-21-6  |
| Phoxim  | 14816-18-3  |
| Pirimiphos-methyl                                   | 29232-93-7  |
| Profenophos   | 41198-08-7  |
| Propanil  | 709-98-8    |
| Propetamphos  | 31218-83-4  |
| Pyrazon   | 1698-60-8   |
| Quinalphos  | 13593-03-8  |
| Quintozene  | 82-68-8     |
| Simazine  | 122-34-9    |
| Strobane  | 8001-50-1   |
| Telodrin  | 297-78-9    |
| Thiacloprid   | 111988-49-9 |
| Timiperone  | 57648-21-2  |
| Thiamethoxam  | 153719-23-4 |
| Tolylfluanid  | 731-27-1    |
| Toxaphene   | 8001-35-2   |
| Tribufos (DEF)                                      | 78-48-8     |
| Trichlorfon   | 52-68-6     |
| Triflumuron   | 64628-44-0  |
| Trifluralin - containing < 0.5 ppm NPDA             | 1582-09-8   |
| Vinclozolin   | 50471-44-8  |
| <b>Acetamiprid, its salts, esters and compounds</b> | Several     |
| Pentachloroanisole                                  | 135410-20-7 |

| Chemical Name  | CAS Number  |
|--|-------------|
| Acetamipirid [2]   | 160430-64-8 |
| <b>2,4-Dichlorophenoxyacetic acid, its salts, esters and compounds</b>                       | Several     |
| 2,4-Dichlorophenoxy acetic acid  | 94-75-7     |
| <b>Dinoseb, its salts, esters and acetate</b>  | Several     |
| Dinoseb  | 88-85-7     |
| <b>Hexachlorocyclohexane, all isomers</b>  | 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    |
| <b>Nitenpyram, its salts, esters and compounds</b>   | Several     |
| Nitenpyram [1]   | 150824-47-8 |
| Nitenpyram [2]   | 120738-89-8 |
| <b>2,4,5-Trichlorophenoxyacetic acid, its salts, esters and compounds</b>                    | Several     |
| 2,4,5-Trichlorophenoxy acetic acid   | 93-76-5     |
| <b>2-(2,4,5-Trichlorophenoxy)propionic acid, its salts, esters and compounds</b>             | Several     |
| 2-(2,4,5-Trichlorophenoxy) propionic acid  | 93-72-1     |
| Chemical Name  | CAS Number  |
| <b>PFAS (Poly- and perfluoroalkyl substances)</b>  |             |
| <b>Perfluorohexane sulfonic acid and its derivatives</b>                                     | Several     |
| Perfluorohexane sulfonic acid and its salts  | Several     |

| Chemical Name   | CAS Number   |
|---|--------------|
| Perfluorohexane sulfonic acid   | 355-46-4     |
| Perfluorohexane sulfonate   | 108427-53-8  |
| Potassium perfluorohexane-1-sulphonate  | 3871-99-6    |
| Ammonium perfluorohexane-1-sulphonate   | 68259-08-5   |
| Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)  | 70225-16-0   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)   | 55120-77-9   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt  | 70136-72-0   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)                                      | 72033-41-1   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt  | 82382-12-5   |
| Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9Cl)                | 866621-50-3  |
| Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)   | 910606-39-2  |
| Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) | 911027-69-5  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)  | 92011-17-1   |
| 1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid                                      | 108427-54-9  |
| Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)                                  | 108427-55-0  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with pyrrolidine (1:1)  | 1187817-57-7 |
| Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1)                                    | 1329995-45-0 |
| Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1)                                   | 1329995-69-8 |
| Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)                                | 189274-31-5  |

| Chemical Name   | CAS Number   |
|---|--------------|
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)  | 202189-84-2  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)   | 341035-71-0  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)  | 350836-93-0  |
| Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic   | 425670-70-8  |
| Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic  | 421555-74-0  |
| Sulfonium, (thiodi-4-1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic  | 421555-73-9  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)   | 41184-65-0   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)   | 41242-12-0   |
| Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)  | 911027-68-4  |
| Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)          | 928049-42-7  |
| Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)  | 1000597-52-3 |
| Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl)methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)  | 1310480-24-0 |
| Methanaminium, N-[4-[(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl)methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)  | 1310480-27-3 |
| Methanaminium, N-[4-[(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl)methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) | 1310480-28-4 |
| Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)  | 144116-10-9  |
| Quinolinium, 1-(carboxymethyl)-4-[2-[4-(2,2-diphenylethienyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-                                      | 1462414-59-0 |

| Chemical Name  | CAS Number  |
|--|-------------|
| tridecafluoro-1-hexanesulfonate (1:1)  |             |
| Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                         | 153443-35-7 |
| Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) | 213740-81-9 |
| Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)       | 341548-85-4 |
| <b>Perfluorohexane sulfon amides</b>   | Several     |
| Tridecafluoro-N-methylhexanesulphonamide   | 68259-15-4  |
| <b>Perfluorohexane sulfon halides</b>  | Several     |
| Perfluorohexanesulphonyl fluoride  | 423-50-7    |
| <b>Perfluorooctane sulfonic acid and its derivatives</b>   | Several     |
| <b>Perfluorooctane sulfon amides</b>   | Several     |
| Perfluorooctane sulfonamide  | 754-91-6    |
| Heptadecafluoro-N-methyloctane sulfonamide   | 31506-32-8  |
| <b>Perfluorooctane sulfon amidoethanols</b>  | Several     |
| Heptadecafluoro-N-methyloctane sulfonamide ethanol   | 24448-09-7  |
| 1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-                                | 4151-50-2   |
| 1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-N-(2-hydroxyethyl)-             | 1691-99-2   |
| <b>Perfluorooctane sulfon halides</b>  | Several     |
| 1-Octanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-                                  | 307-35-7    |
| <b>Perfluorooctane sulfonic acid and its salts</b>   | Several     |
| Diethanolamine perfluorooctane sulfonate   | 70225-14-8  |
| Ammonium perfluorooctane sulfonate   | 29081-56-9  |
| Lithium perfluorooctane sulfonate  | 29457-72-5  |
| Perfluorooctane sulfonic acid  | 1763-23-1   |

| Chemical Name  | CAS Number  |
|--|-------------|
| 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 |
| <b>Perfluoroalkyl sulfonic acid and its derivatives - F(CF<sub>2</sub>)<i>n</i> [n&gt;8]</b>                     | Several     |
| <b>Perfluoroalkyl sulfonic acid and its salts - F(CF<sub>2</sub>)<i>n</i> [n&gt;8]</b>                           | Several     |
| Perfluorodecane sulfonic acid  | 335-77-3    |
| 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluoro-1-decanesulfonic acid                                       | 39108-34-4  |
| 1-Dodecanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosfluoro-                        | 120226-60-0 |
| <b>Perfluorobutanoic acid and its salts</b>  | Several     |
| Perfluorobutanoic acid   | 375-22-4    |
| <b>Perfluorohexanoic acid and its salts</b>  | Several     |
| Perfluorohexanoic acid - (PFHxA)   | 307-24-4    |
| <b>Perfluoroheptanoic acid and its salts</b>   | Several     |
| Perfluoroheptanoic acid  | 375-85-9    |
| Potassium perfluoroheptanoate  | 21049-36-5  |
| <b>Perfluoroctanoic acid and its salts</b>   | Several     |
| Perfluoroctanoic 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 perfluoroctanoate  | 2395-00-8   |
| Silver(1+) perfluoroctanoate   | 335-93-3    |
| <b>Perfluorocarboxylic acids (C9-C14) and its salts</b>  | Several     |

| Chemical Name   | CAS Number  |
|---|-------------|
| 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecanoic acid             | 27854-31-5  |
| 2,2,3,4,4,5,5,6,6,7,8,8,8-Tridecafluoro-3,7-bis(trifluoromethyl)octanoic acid | 172155-07-6 |
| 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Heptadecafluoroundecanoic acid         | 34598-33-9  |
| <b>Perfluorononanoic acid and its salts</b>                                   | Several     |
| Perfluorononanoic acid  | 375-95-1    |
| Sodium salts of perfluorononan-1-oic-acid                                     | 21049-39-8  |
| Ammonium salts of perfluorononan-1-oic-acid                                   | 4149-60-4   |
| <b>Perfluorodecanoic acid and its salts</b>                                   | Several     |
| Perfluorodecanoic acid  | 335-76-2    |
| Ammonium nonadecafluoro-decanoate   | 3108-42-7   |
| Decanoic acid, nonadecafluoro-, sodium salt                                   | 3830-45-3   |
| <b>Perfluoroundecanoic acid and its salts</b>                                 | Several     |
| Perfluoroundecanoic acid  | 2058-94-8   |
| <b>Perfluorododecanoic acid and its salts</b>                                 | Several     |
| Perfluorododecanoic acid  | 307-55-1    |
| <b>Perfluorotridecanoic acid and its salts</b>                                | Several     |
| Perfluorotridecanoic acid   | 72629-94-8  |
| <b>Perfluorotetradecanoic acid and its salts</b>                              | Several     |
| Perfluorotetradecanoic acid   | 376-06-7    |
| <b>Perfluorobutanoic acid related substances</b>                              | Several     |
| 4:2 Fluorotelomer alcohol (4:2 FTOH)  | 2043-47-2   |
| <b>Perfluorohexanoic acid related substances</b>                              | Several     |
| 1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-               | 27619-97-2  |
| <b>Perfluorohexylethyl alcohols</b>   | Several     |
| 6:2 Fluorotelomer alcohols (6:2 FTOH)   | 647-42-7    |

| Chemical Name   | CAS Number |
|---|------------|
| <i>Perfluorohexylethyl olefins</i>  | Several    |
| Perfluorohexylethene  | 25291-17-2 |
| <i>Perfluorohexylethyl halides</i>  | Several    |
| <i>Perfluorohexylethyl acrylates or methacrylates</i>   | Several    |
| 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroctyl methacrylate  | 2144-53-8  |
| 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroctyl acrylate  | 17527-29-6 |
| <i>Perfluorohexylethyl polymers</i>   | Several    |
| <b><i>Perfluoroctanoic acid related substances</i></b>  | Several    |
| Methyl perfluoroctanoate  | 376-27-2   |
| Ethyl perfluoroctanoate   | 3108-24-5  |
| <i>Perfluoroctylethyl alcohols</i>  | Several    |
| 8:2 Fluorotelomer alcohols (8:2 FTOH)   | 678-39-7   |
| <i>Perfluoroctylethyl halides</i>   | Several    |
| <i>Perfluoroctylethyl acrylate or methacrylate</i>  | 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 |
| <i>Perfluoroctylethyl polymers</i>  | Several    |
| <b><i>Perfluorocarboxylic acid (C9-C14) related substances</i></b>  | 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-heneicosfluoro-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-heneicosfluorododecyl 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-heneicosfluorododecyl 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-pentacosfluoro-14-iodo-              | 30046-31-2 |

| Chemical Name   | CAS Number |
|---|------------|
| <i>Perfluorodecanoic acid related substances</i>  | Several    |
| 10:2 Fluorotelomer alcohol - (10:2 FTOH)  | 865-86-1   |
| <b><i>Perfluoroalkyl compounds, branched</i></b>  | Several    |
| <i>2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides</i> | Several    |
| 2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionic acid                                      | 13252-13-6 |
| Potassium 2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionate                                | 67118-55-2 |
| Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate                                   | 62037-80-3 |
| 2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionyl fluoride                                  | 2062-98-8  |
| Chemical Name   | CAS Number |
| <b>Tin-organic Compounds</b>  |            |
| <b><i>Methyltin compounds</i></b>   | Several    |
| <i>Monomethyltin compounds - (MMT)</i>  | Several    |
| Methyltin trichloride   | 993-16-8   |
| <i>Dimethyltin compounds - (DMT)</i>  | Several    |
| Dimethyltin dichloride  | 753-73-1   |
| <i>Trimethyltin compounds - (TMT)</i>   | Several    |
| Trimethyltin chloride   | 1066-45-1  |
| <b><i>Ethylin compounds</i></b>   | Several    |
| <i>Tetraethyltin compounds - (TeET)</i>   | Several    |
| Tetraethyltin   | 597-64-8   |
| <b><i>Propyltin compounds</i></b>   | Several    |
| <i>Dipropyltin compounds - (DPT)</i>  | Several    |
| Dichlorodipropyltin   | 867-36-7   |
| <i>Tripropyltin compounds - (TPT)</i>   | Several    |

| Chemical Name                               | CAS Number |
|---|------------|
| Tripropyltin chloride                       | 2279-76-7  |
| <b>Butyltin compounds</b>                   | Several    |
| <i>Monobutyltin compounds - (MBT)</i>       | Several    |
| N-butyltin trichloride                      | 1118-46-3  |
| Monobutyltin tris(ethylhexanoate)           | 23850-94-4 |
| <i>Dibutyltin compounds - (DBT)</i>         | Several    |
| Dibutyltin (DBT)                            | 1002-53-5  |
| Dibutyltin oxide                            | 818-08-6   |
| Dibutyltin maleate                          | 78-04-6    |
| Dibutyltin bis(acetylacetone)               | 22673-19-4 |
| Dibutyltin bis(2-ethylhexanoate)            | 2781-10-4  |
| Dibutyltin di(acetate)                      | 1067-33-0  |
| Dibutyltin dichloride                       | 683-18-1   |
| <i>Tributyltin compounds - (TBT)</i>        | Several    |
| Bis(tributyltin) oxide                      | 56-35-9    |
| Tin-San - A tributyltin chloride complex    | 56573-85-4 |
| Tributyltin chloride                        | 1461-22-9  |
| <i>Tetrabutyltin compounds - (TeBT)</i>     | Several    |
| Tetrabutyltin                               | 1461-25-2  |
| <b>Hexyltin compounds</b>                   | Several    |
| <i>Tricyclohexyltin compounds - (TCyHT)</i> | Several    |
| Tricyclohexyltin chloride                   | 3091-32-5  |
| <b>Octyltin compounds</b>                   | Several    |
| <i>Monooctyltin compounds - (MOT)</i>       | Several    |
| Monooctyltin trichloride                    | 3091-25-6  |

| Chemical Name                                 | CAS Number |
|---|------------|
| <i>Diocyltin compounds - (DOT)</i>            | Several    |
| Diocyltin dilaurate                           | 3648-18-8  |
| Stannane, dioctyl-, bis(coco acyloxy) derivs. | 91648-39-4 |
| Diocyltin dihydride                           | 15231-44-4 |
| Dichlorodiethyl stannane                      | 3542-36-7  |
| <i>Triocyltin compounds - (TOT)</i>           | Several    |
| Triocyltin chloride                           | 2587-76-0  |
| <i>Tetraoctyltin compounds - (TeOT)</i>       | Several    |
| Tetraoctyltin                                 | 3590-84-9  |
| <b>Phenyltin compounds</b>                    | Several    |
| <i>Monophenyltin compounds - (MPtT)</i>       | Several    |
| Monophenyltin trichloride                     | 1124-19-2  |
| <i>Diphenyltin compounds - (DPhT)</i>         | Several    |
| Diphenyltin dichloride                        | 1135-99-5  |
| <i>Triphenyltin compounds - (TPhT)</i>        | Several    |
| Triphenyltin                                  | 668-34-8   |
| Triphenyltin chloride                         | 639-58-7   |