

bluesign® Restricted Substances List **限用物质清单** (RSL)
Consumer safety limits **消费者安全限值**

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1 Introduction 前言

Product stewardship with respect to consumer safety aspects is difficult to manage in a complex supply chain. Supplier compliance declarations which attest conformity with the brand Restricted Substance List (brand RSL) can be a good way to start. They should be further accompanied by a responsible testing program that monitors reliability of suppliers' declarations.

The BSSL (bluesign® system substances list) specifies consumer safety limits for chemical substances in articles. Due to the quantity and range of listed substances only a comprehensive input stream management together with a network of committed bluesign® SYSTEM PARTNERS (including chemical suppliers) result in a positive list of preferred chemicals (bluesign® FINDER) and can assure best compliance with the BSSL limits.

The RSL at hand is an extract of the BSSL and contains consumer safety limits and recommended testing methods for the most important and legally restricted substances in textile, leather articles and accessories. Brands and retailers can use this RSL as an orientation for the terms and conditions of purchase. Together with a testing matrix the document can also be utilized as a guide for appropriate testing of articles such as textiles. The RSL is revised at least annually in alignment with the BSSL.

Disclaimer: The content of this document has been prepared by bluesign technologies ag for information purposes only and does not constitute legal advice. bluesign has been as diligent as possible in compiling and updating the information in this document. However, bluesign does not guarantee the correctness and completeness of the information provided.

在复杂的供应链中要保障消费者安全的产品责任管理是一项挑战。从要求供应商提供符合品牌限用物质清单（品牌RSL）的合规声明是一个好的开始。同时，供应商还应有一个健全的测试计划来证明合规声明的可靠性。

bluesign® SYSTEM

物质清单（BSSL）消费者安全限值规定了制品中可含受控物质的消费者安全限值。由于BSSL所列出的受控物质数量和范围广泛，BSSL不应直接用于供应商的合规声明。只有透过全面的输入流管理和强大的bluesign® SYSTEM合作伙伴网络（包括化学品供应商）才能得出优选化学品清单（bluesign® FINDER），并保障最大程度符合BSSL限值。

本份RSL是摘录自BSSL，其中包含在纺织及皮革制品中最重要及受法规监管受控物质的消费者安全限值和推荐的测试方法。品牌和零售商可以使用此RSL作为采购条款的指引方针。本文件可同时与测试矩阵一起参考作为制品的测试指南。RSL与BSSL保持一致，至少每年修订一次。

本文件的内容由bluesign technologies ag编撰，仅供参考，不构成法律建议。

Bluesign在编制和更新本文档中的信息时尽可能准确，但Bluesign不保证此处提供的信息的正确性和完整性。



2 Definitions and Abbreviations 定义与缩写

2.1 Accessory 辅料

A component of a consumer product which is not classified as textile fabric (e.g. button, label, zipper, etc.).
消费品其中不归类为纺织面料的组成部分 (如: 纽扣、标签、拉链等)。

2.2 Article 制品

An object which during production is given a special shape, surface or design, which determines its function to a greater degree than does its chemical composition (fibers, textile fabrics, buttons, zippers, etc.).
通过生产被赋予特殊的形状, 外观或设计, 从而使其在原有的化学组分基础上引申出更广泛更丰富功能的一件物品(纤维、布料、纽扣、拉链等)。

2.3 BSSL

bluesign® system substances list. A list that specifies consumer safety limits for chemical substances in articles. It also defines usage bans for chemical substances prohibited from the manufacturing of articles.
bluesign® system物质清单 (BSSL) - 消费者安全限值。本清单列出制品中可含化学物质的消费者安全限值以及制品生产过程中, 有关化学物质的禁用要求。

2.4 CAS Number 化学品文摘号

CAS numbers are unique numerical identifiers for chemical elements, compounds, polymers, biological sequences, mixtures or alloys. Chemical Abstracts Service (CAS), a division of the American Chemical Society, assigns these identifiers to every chemical that has been described in the literature. The intention is to make database searches more convenient, as chemicals often have many names. Almost all molecule databases today allow searching by CAS numbers.
CAS化学品文摘号是对化学元素、化合物、聚合物、生物学序列、混合物和合金的一种独特的数字识别码。化学文摘社(CAS)是美国化学学会的一个部门, 负责为每一个在文献中有描述的化学品编上识别码。由于化学品通常都有很多不同名称, 该识别码可以令数据库搜索时更便捷。迄今为止, 几乎所有的分子式数据库都可以透过CAS化学品文摘号进行搜索。



2.5 Chemical Substance **化学物质**

A chemical element and its compounds with constant composition and properties. It is defined by the CAS number.
一种化学元素及其化合物，具有特定的化学成分和属性，可用CAS化学品文摘号识别。

2.6 Component **组成**

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

制品中可单独拆分的一部分，可根据材料、功能和/或颜色区分，可以用简易的物理方法自其它组成中区别开来的部分。

2.7 Limit Value **限值**

Limit values are defined for single substances or substance groups. The limit value is the maximum amount of a chemical substance or substance group permitted in articles for the usage ranges A, B and C.

个别物质或是物质组别有定义限值。限值指在使用类别A、B和C对应的制品里化学物质的最大允许含量。

2.7.1 Detection Limit (DL) **检出限 (DL)**

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

是指在有一定置信水平的分析方法下能够检测出样品中待测物质的最低量。

2.7.2 Quantification Limit (QL) **定量限 (QL)**

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

可以以规定的准确度和精准度进行定检测量的最低分析物浓度。

2.7.3 Limitation **限用**

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

对于许多物质或物质组别定义了限用值。对于这些物质或物质组别未被禁用，仅规定出消费者安全限值。



2.8 Member **组别成员**

This term describes a member of a group of restricted substances. It can be a chemical substance, or a subgroup of substances. See also section 2.13. 该术语表示受限物质组别中的成员。它可以是单个化学物质或化学物质的子组别。另请查看2.13章节。

2.9 Mixture **混合物**

A chemical product composed of two or more substances. It can be, for example, a colorant or an auxiliary. 由两种或多种物质组成的化学产品，例如：着色剂或助剂。

2.10 Monitoring **监控**

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

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

如果限值的限制类型为“监控”，则应以低于所定义的阈值为目标。超过其限值不会导致“黑色”评级，而会是“灰色”评级。分配为“监控”限制类型的理由可因如下：

- 对于某些化学物质，其毒理学和/或生态学特性尚未明确定义。因此，风险评估并不完整。
- 对于某些物质，目前尚未有足够关于在制品和化学产品中可能/典型污染的信息。这些物质正在观察中。一旦有更多信息，将立即定义确切的限制。



2.11 Sector of Use **使用范围**

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

使用范围是化学品评定中创新概念的一部分。Bluesign在化学产品的风险评估中采用一种类似REACH对化学物质进行基于风险的评估方法。该方法可针对特定产品、工艺和行业进行各别对环境 and 人的风险评估，并可延伸调整适用于任何行业。部分适用类别合并成一组使用范围。以下为包括的使用范围分类：

Sector of Use Group 使用范围大类	Sector of Use 使用范围
Textile 纺织	Fibers/yarns 纤维/纱线
	Textile articles including fabrics, laminates and non-woven fabrics 纺织制品包括面料，贴合面料以及无纺布
	Garments and other finished textile articles 成衣及其他纺织制品
Down/feather 羽绒	Down and feather articles 羽绒制品
Leather 皮革	Leather articles 皮革制品
Polymer parts 聚合物部件	Plastic articles 塑料制品
	Rubber articles 橡胶制品
Metal parts 金属部件	Basic metals, including alloys 基体金属，包括合金
	Fabricated metal articles 加工金属制品



2.12 Several 多个

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

当一个物质组别不是由单一个CAS号所定义时，CAS化学品文摘号一栏将显示“多个”。多个并不是在所有情况下都意味着整个物质组别都受到限制（例如醛类、胺类），在对整个物质组别进行限制的情况下，这会通过具体的限值或在相应的备注栏注释来反映。对于物质组别，特别是大的物质组别，部分或全部组别成员详列在附录 I 中。当组别成员详列在附录 I 中时，会在对应组别的备注栏中注明。

2.13 Substance Groups 物质组别

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

为了提升可读性并显示RSL清单物质组别的层级结构，其列出：

- Main substance groups (bold, normal letter) **主物质组别 (加粗, 普通字体)**
- Subgroups (bold, italic letter) **一级子组别 (加粗, 斜体字体)**
- Subsubgroup (italic letter) **二级子组别 (斜体字体)**
- Single substances (normal letter) **单个物质 (普通字体)**

2.14 Usage Ban 禁用

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

The aim of a usage ban is to avoid release of harmful substances to workers, the environment and to avoid occurrence in the manufactured article by applying the precautionary principle.

对于被列为禁用的部分化学物质或物质组别，禁止在生产制品过程中有意使用。即生产过程中使用的化学物质(如着色剂，纺织助剂等)不得刻意含有这些被禁用物质或其物质组别。禁用的目的是通过预防措施阻止有害物质对生产工人、环境的影响和避免残留在制品内。



2.15 Usage Range **使用类别**

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:

使用类别是依据消费者安全要求对消费用品进行分类。使用类别分三类 (A, B, C)，其中A类有最为严格的限值及禁用要求：

- Usage Range A: Next to skin use and baby articles (0 to 3 years)
使用类别A：紧贴皮肤类和婴儿类(零至三岁)
- Usage Range B: Occasional skin contact
使用类别B：偶尔接触皮肤类
- Usage Range C: No skin contact
使用类别C：不接触皮肤类

Common consumer goods and allocated usage ranges are listed in the separate document 'Usage Ranges'.
常见的消费品和所属的使用类别单独详列在“使用类别”文件中。



3 Testing Methods 测试方法

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

Depending on their availability international or national standards are also given for several substances and these methods may 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 obtained. Robustness of method shall be given.

推荐的测试方法均列于第5章的表格中。测试方法一栏由两部分内容组成：测试样品制备，比如萃取、分解、衍生等，和检测分析方法比如GC-MS、LC-MS等。

许多物质有相应的国际标准或国家标准的测试方法，

如有相关检测方法则可以应用。除此以外其它认可的分析方法，则需事先验证测试结果是否获得等效结果的情况下方可采用。

如未另外说明，所有测试方法都应定义制品中物质的总含量。测试方法必须具有稳健性，必须有高回收率和低不确定性。

Details of the respective sample preparation methods can be found in the table below:

测试样品制备列表如下：

Sample preparation 测试样品制备	Solvent(s) 溶剂	Temperature (°C) 温度 (°C)	Time (min) 时间 (分钟)	Other requirements 其他要求
Extraction with KOH 氢氧化钾萃取	Potassiumhydroxide (1M) 氢氧化钾(1M)	90	12-15h	Derivatization with Aceticanhydride 醋酸酐衍生法
Extraction with MeOH 甲醇萃取	Methanol 甲醇	70	60	Ultrasonic bath 超声波萃取
Extraction with THF 四氢呋喃萃取	Tetrahydrofuran 四氢呋喃	40	60	---
Extraction with DCM 二氯甲烷萃取	Dichloromethane 二氯甲烷	40	60	Ultrasonic bath 超声波萃取
Extraction with MTBE 甲基叔丁基醚萃取	Methyl-tert-butyl-ether 甲基叔丁基醚	60	60	Ultrasonic bath 超声波萃取
Extraction with Water 去离子水萃取	Deionized Water 去离子水	---	---	---



Sample preparation 测试样品制备	Solvent(s) 溶剂	Temperature (°C) 温度 (°C)	Time (min) 时间 (分钟)	Other requirements 其他要求
Extraction with MeOH / Acetonitrile 甲醇/乙腈萃取	Methanol / Acetonitrile (1:1) 甲醇/乙腈 (1:1)	70	30	Ultrasonic bath 超声波萃取
Extraction with Potassium carbonate Solution 碳酸钾萃取	Potassium carbonate Solution 碳酸钾溶液	room temp. 室温	60	Ultrasonic bath 超声波萃取
Extraction with THF / Acetone 四氢呋喃/丙酮萃取	Tetrahydrofuran / Acetone 四氢呋喃/丙酮	60	60	Ultrasonic bath Derivatization with Acetonitrile 超声波萃取 乙腈衍生法
Extraction with Acetone 丙酮萃取	Acetone 丙酮	70	60	Ultrasonic bath 超声波萃取
Extraction with Hexane / Dichloroethane 己烷/二氯乙烷萃取	Hexane / Dichloroethane 己烷/二氯乙烷	70	60	---
ASE - Accelerated Solvent Extraction 加速溶剂萃取	Acetone / Hexane (1:1) 丙酮/己烷 (1:1)	100	---	---
ASE - Accelerated Solvent Extraction 加速溶剂萃取	Ethylacetate 乙酸乙酯	40	---	---
Soxhlet Extraction 索氏萃取	Acetone / Hexane (1:1) 丙酮/己烷 (1:1)	---	480	---
Headspace 顶空进样	---	120	45	---
DIN EN ISO 105-E04 (2013)	Acidic Sweat Solution 酸性汗渍溶液	37	60	Textile to liquor ratio = 1:50 浴比1:50



4 Scope and Validity 适用范围和有效性

The document specifies restrictions (limits and bans) for chemical substances in:
本物质清单对化学物质的限用规定(限值和禁用)适用于:

- Articles and accessories made for different sectors of use (like textile and leather); see chapter 2.11.
为不同用途 (如纺织品和皮革) 制造的制品和配件; 见第 2.11 章。

4.1 Scope 范围

The limits and restrictions have to be applied for each individual component of an article.

A component is any part of an article that can be distinguished by its material composition and / or functionality and / or color and can be easily separated mechanically from other components.

制品中的每个单一组件都必须符合限用和限制规定。一个组件是指一件制品里的任何部分, 可根据材料组成、和/或功能、和/或颜色, 可以简单地拆卸并与其他组件区别开来的部分。

4.2 Validity 有效性

This document comes into effect on 1st of July 2024. It replaces the bluesign® Restricted Substances List(RSL), version 14.0 from 1st of July 2023.

This document is revised annually in line with latest legislation and research. It is supported by stakeholder comments of bluesign® SYSTEM PARTNER experts. For all bluesign® SYSTEM PARTNERS: Unless otherwise stated, the revised sections will be implemented by 1st July 2025 at the latest.

本文件自2024年07月01日生效执行, 同时取代2023年07月1日第14.0版本。

本文件根据最新的法规研究及bluesign® 系统合作伙伴专家的反馈每年更新一次。

除非另有注明, 所有bluesign® SYSTEM PARTNERS应不迟于 2025年07月01日执行增改的章节。



5 Consumer Safety Limits 消费者安全限值

This section informs on all consumer safety limits.

本章节详细阐述消费者安全限值相关内容。

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. 除了第 5.7 章节列出的限用及禁用的化学物质外，第 5.1 章节至第 5.6 章节所列出的化学物质限制同等有效。

5.1 pH-Value pH 值

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

Range: 4.0 to 7.5 (non-leather products), 3.2 to 4.5 (chrome-tanned leather products), 3.5 to 7.9 (other leather products).

测试方法: ISO 3071 (2020) (非皮革产品), ISO 4045 (2018) (皮革产品)

范围: 4.0 - 7.5 (非皮革产品), 3.2 - 4.5 (铬鞣皮革产品), 3.5 - 7.9 (其他皮革产品)

5.2 Odor 气味

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

产品不得释放令人不愉快的气味。测试方法: SNV 195 651

5.3 Sensitizing Disperse Dyes 致敏分散染料

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.

具有致敏性且危害分类为危害代码H 317的分散染料（主要用于PES 染色），不得用于A类。



5.4 Textiles Dyed with Disperse or Metal Complex Dyes **使用分散染料或金属络合染料着色的纺织品**

Disperse dyes and metal complex dyes may have a relevant consumer safety risk.

Therefore, special restrictions concerning color fastness to perspiration are defined: for textiles dyed with disperse or metal complex dyes, fastness to perspiration must be at least between 3 and 4. The goal should be ≥ 4 . Test method: ISO 105-E04 (2013).

For other dyestuff classes no fastness specifications are defined.

分散染料和金属络合物染料有导致消费者安全的风险；因此对此类纺织品的汗渍牢度也有特别的限制：分散染料或金属络合染料染色的纺织品汗渍牢度不得低于3-4级，应以达到4级以上为目标。测试方法: DIN EN ISO 105-E04 (2013)

对于其他类型的染料，没有牢度规格的要求。

5.5 Color Fastness to Saliva and Perspiration **唾液和汗渍牢度**

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

与口腔接触的制品或婴儿用品必须进行唾液和汗渍的牢度测试。这相当于目前有效标准DIN53160-1(2010)(用人工唾液测试)和DIN53160-2(2010)(用人工汗液测试)的5级测试。在纺织品牢度测试中用来判定颜色变化的5阶段灰度级距可透过ISO105-A02(1993)了解详情。测试方法: § 64 LFGB; BVL B 82.10-1 及与DIN53160-1 和-2结合。

5.6 Articles from recycled material **源自回收材料的制品**

Textile recycling is an important factor for sustainability, but often a black box regarding the mix of (restricted) chemicals inside.

Instructions regarding the use of recycled materials are given in our guidance documents, the "Guidance sheet Input stream management of non chemical raw materials/intermediates at manufacturers" and the "Guideline Input Stream Management at Manufacturers". To enable bluesign® APPROVED articles from recycled materials, bluesign reserves the right to accept in exceptional cases higher limits than given in this document under the precondition of legal compliance, consumer safety and proper input stream management.

回收纺织品是可持续发展中重要的一环，但对于其中所混合的（受限）化学品通常是一个黑匣子。

有关回收材料使用的说明可在我们的指导文件“制造商非化学原材料/中间体输入流管理的指引文件”和“制造商的输入流管理指南”中查阅。为了使bluesign® APPROVED 制品可从回收材料制成，在遵守法律、消费者安全和适当的输入流管理的前提下，bluesign 保留在特殊情况下接受高于本文件中规定的限制的权利。



5.7 PFAS Phase-Out PFAS 淘汰计划

Following the bluesign PFAS phase out program there are specific restrictions and bans for PFAS based chemicals and articles:
bluesign PFAS 淘汰计划对化学产品及制品的限制和禁用：

- From July 2022 bluesign® FINDER registration of new PFAS containing chemicals was no longer possible.
自 2022 年 7 月起，不能在 bluesign® FINDER 新注册含有 PFAS 的化学产品。
- By July 2023 all bluesign® APPROVED PFAS containing chemicals were removed from the bluesign® FINDER.
截至 2023 年 7 月，所有 bluesign® APPROVED 含有 PFAS 的化学产品已从 bluesign® FINDER 上删除。
- From July 2023 bluesign® GUIDE registration of new articles that were treated with PFAS containing chemicals was no longer possible
自 2023 年 7 月起，不能在 bluesign® GUIDE 注册使用含有 PFAS 化学品处理的制品。
- Certain dyestuff with a CF₃ group that formally fall under the PFAS definition and that were still listed in the bluesign® FINDER is subject to fast-track phase out. By 1st of July 2024 affected chemical products are removed from the bluesign® FINDER
在 bluesign® FINDER 中含有 CF₃ 基团且符合 PFAS 定义的染料将会加速淘汰。至 2024 年 7 月 1 日，所有受影响的化学产品已从 bluesign® FINDER 上删除。
- By January 2025 all bluesign® APPROVED articles that were treated with PFAS containing chemicals will be removed from the bluesign® GUIDE
截至 2025 年 1 月，所有原 bluesign® APPROVED 经 PFAS 化学品处理的制品将从 bluesign® GUIDE 上删除。
- Exceptions might be possible, for more details see last version of the 'Guidance Sheet PFAS phase out'.
可能出现的例外情况，请参阅“指引文件 - PFAS 淘汰计划”。
- Residual amounts of CF₃-group containing dyestuff formulations which article manufacturers may still have in stock by 1st of July 2024 may be used up for producing bluesign® APPROVED articles. Latest by 1st of January 2026 articles and products that contain dyestuff with CF₃ groups shall not be put on the market labelled as bluesign® APPROVED or bluesign® PRODUCT.
截至 2024 年 7 月 1 日，制造商可能在库存中剩余含有 CF₃ 基团的染料配方可用于生产 bluesign® APPROVED 制品。最迟自 2026 年 1 月 1 日起，含有 CH₃ 基团的染料产品及制品不得在市场上标示为 bluesign® APPROVED 或 bluesign® PRODUCT。

Analytical proof that PFAS chemicals are not included:

At first screening test for total Fluorine via combustion ion chromatography (EN14582 or ASTM 07359; Quantification Limit: 50 mg/kg). Screening test is followed by confirmatory testing on single substances in case of findings. Beside individual substance testing information from the supply chain on possible fluorine compounds shall be gathered.

不含 PFAS 化学物质的分析证明：

以燃烧离子色谱法（EN14582 或 ASTM 07359；定量限：50 mg/kg）对总氟进行首次筛查测试。如有检出，则对单一物质进行验证性测试，并且需要自供应链收集有关可能含氟化合物的信息。



bluesign follows the PFAS definition indicated in the general EU restriction proposal on PFAS which is based on the OECD definition:
bluesign 的PFAS定义遵循欧盟PFAS限制提案中基于OECD的定义:

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

A substance that only contains the following structural elements is excluded from the scope of the restriction:

CF₃-X or X-CF₂-X', where X = -OR or -NRR' and X' = methyl (-CH₃), methylene (-CH₂-), an aromatic group, a carbonyl group (-C(O)-), -OR'', -SR'' or -NR''R''';
and where R/R'/R''/R''' is a hydrogen (-H), methyl (-CH₃), methylene (-CH₂-), an aromatic group or a carbonyl group (-C(O)-).

任何含有至少一个完全氟化的甲基 (CF₃-) 或亚甲基 (-CF₂-) 碳原子 (不含任何 H/Cl/Br/I) 的物质。

仅包含以下结构元素的物质不属于限制范围:

CF₃-X 或 X-CF₂-X', 其中 X = -OR 或 -NRR' 且 X' = 甲基 (-CH₃)、亚甲基 (-CH₂-)、芳族基团、羰基 (-C(O)-)、-OR''、-SR'' 或 -NR''R''';
其中R/R'/R''/R'''为氢(-H)、甲基(-CH₃)、亚甲基(-CH₂-)、芳族基团或羰基(-C(O)-)。

This definition might also affect substances that do not fall into the typical application of water/oil/stain repellents.
此定义可能影响不属于典型防水/防油/防污剂范围的物质。

5.8 Restrictions and Bans for Chemical Substances **对化学物质的限制和禁用**

For easier comprehension and overview, the substances are grouped according to:
为了便于理解和概述, 相关物质按照以下分组列出:

- Chemical composition (e.g. amines, isocyanates) 化学成分 (如胺类, 异氰酸酯类)
- Functionality (e.g. flame retardants, solvents) 功能性 (如阻燃剂, 溶剂)
- EHS-properties / risks (e.g. ozone depleting substances) 环境、健康及安全影响/风险 (如温室气体、臭氧消耗物质)

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.

若该化学物质可分属至多个类别, 该物质将会在最相关的类别中列出。附录I 列出主物质组别中个别物质的详细清单。

6 Restricted substance **限用物质**

6.1 Restricted substance **限用物质**



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Aldehydes 醛类									
Formaldehyde 甲醛	50-00-0	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Limitation 限用	15	75	300	mg/kg	ISO 14184-1 (2011)	
		Leather 皮革	Limitation 限用	15	75	300	mg/kg	EN ISO 17226 (2019) with EN ISO 17226-1 (2021) confirmation method in case of interferences. 如有干扰, 以 EN ISO 17226 (2019) 和 EN ISO 17226-1 (2021) 方法确认	Test method: Alternatively EN ISO 17226-1 (2021) can be used on its own. 测试方法: 或者可以单独使用 EN ISO 17226-1 (2021)



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Alkylphenolethoxylates (APEOs) 烷基酚聚氧乙烯醚 (APEOs)									
Alkylphenolethoxylates (APEOs) 烷基酚聚氧乙烯醚 (APEOs)	Several 多个	All 全部	Usage ban 禁用	100	100	100	mg/kg		For sum of all restricted APEO. Goal should be 100 mg/kg for APEOs + APs. Test methods: See NPEO/OPEO. For recycled materials a higher limit up to 500 mg/kg is accepted by Bluesign when it complies with the requirements under REACH. 所有受限 APEO 的总和 APEO + AP 的目标应为 100 mg/kg。测试方法：参考 NPEO/OPEO 对于回收材料，当符合 REACH 要求时，Bluesign 可接受上限 500 mg/kg 的较高限值。
Nonylphenol ethoxylates (NPEO) 壬基酚聚氧乙烯醚	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	100			mg/kg	EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS EN ISO 18254-1:2016 使用 LC/MS 或 LC/MS/MS 测定 APEO	For sum of all allocated Members/Substances. Single Members/Substances listed in the BSSL Annex. (If traces above 10 ppm are detected the source of contamination has to be identified and phased out.) 所有对应组别成员/物质总和 个别物质详见BSSL附录 (如检出超过10ppm的痕量，则需找出污染源并淘汰)
	Several 多个	Leather 皮革	Usage ban 禁用	100			mg/kg	Sample prep. and analysis using EN ISO 18218-1:2015 with quantification acc. to EN ISO 18254-1:2016 根据 EN ISO 18218-1:2015 进行样品制备和分析，并按照 EN ISO 18254-1:2016进行量化	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Alkylphenolethoxylates (APEOs) 烷基酚聚氧乙烯醚 (APEOs)									
<i>Octylphenol ethoxylates (OPEO)</i> 辛基酚聚氧乙烯醚	Several 多个	Leather 皮革	Usage ban 禁用		100		mg/kg	Sample prep. and analysis using EN ISO 18218-1:2015 with quantification acc. to EN ISO 18254-1:2016 根据 EN ISO 18218-1:2015 进行样品制备和分析, 并按照 EN ISO 18254-1:2016进行量化	For sum of all allocated Members/Substances. Single Members/Substances listed in the BSSL Annex. (If traces above 10 ppm are detected the source of contamination has to be identified and phased out.)
	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		100		mg/kg	EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS EN ISO 18254-1:2016 使用 LC/MS 或 LC/MS/MS 测定 APEO	所有对应组别成员/物质总和个别物质详见BSSL附录 (如检出超过10ppm的痕量, 则需找出污染源并淘汰)



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Alkylphenols (APs) 烷基酚 (APs)									
Alkylphenols (APs) 烷基酚 (APs)	Several 多个	All 全部	Usage ban 禁用		10		mg/kg		For sum of all alkylphenols. 所有烷基酚的总和
Octylphenol (OP), mixed isomers 辛基酚, 及其混合同分异构体	Several 多个	Textiles Leather 纺织, 皮革	Usage ban 禁用		10		mg/kg	EN ISO 21084 (2019)	For sum of all allocated Members/Substances. Single Members/Substances listed in the BSSL Annex. 所有对应组别成员/物质总和 个别物质详见BSSL附录
	Several 多个	Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		10		mg/kg	EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C EN ISO 21084 (2019), 定制 // 1g 样品/20ml四氢呋喃溶液 70°C超声萃取60分钟	
Nonylphenol (NP), mixed isomers 壬基酚 (NP), 及其混合同分异构体	Several 多个	Textiles Leather 纺织, 皮革	Usage ban 禁用		10		mg/kg	EN ISO 21084 (2019)	
	Several 多个	Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	10	10	10	mg/kg	EN ISO 21084 (2019), modified // 1 g sample / 20 ml THF with Sonication for 60 min at 70°C EN ISO 21084 (2019), 定制 // 1g 样品/20ml四氢呋喃溶液 70°C超声萃取60分钟	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Amines 胺类									
<i>Anilines, its salts and compounds</i> 苯胺, 其盐和化合物	Several 多个								
Aniline - free content 游离苯胺	62-53-3	Leather 皮革	Usage ban 禁用		30		mg/kg	EN ISO 17234-1 (2020)	In case aniline is detected, the test needs to be repeated without addition of sodium dithionite.
	62-53-3	Textiles Polymer parts 纺织, 聚合物部件	Usage ban 禁用		30		mg/kg	EN ISO 14362-1 (2017)	如果检测到苯胺, 则需要在不添加连二亚硫酸钠的情况下重复测试。
Arylamines 芳香胺									
Arylamines 芳香胺	Several 多个	Leather 皮革	Usage ban 禁用					EN ISO 17234-2 (2011) // for azo colorants which may release 4-Aminoazobenzene EN ISO 17234-1 (2020)	Usage ban 20 mg/kg for every allocated arylamine and its corresponding salts (as substance for example in PU or by reductive cleavage of azo colorants)
		Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用					EN ISO 14362-1 (2017) EN ISO 14362-3 (2017) // for azo colorants which may release 4-Aminoazobenzene EN ISO 14362-1 (2017) EN ISO 14362-3 (2017) // 适用于会释放对氨基偶氮苯的着色剂	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Biocides 杀菌剂									
Dimethylfumarate 富马酸二甲酯	624-49-7	All 全部	Usage ban 禁用	0.1			mg/kg	ISO 16186 (2021)	
Pyriithione zinc 吡啶硫酮锌	13463-41-7	All 全部	Usage ban 禁用	10			mg/kg	DIN EN 16711-1 (2016) // Total content DIN EN 16711-1 (2016) // 总含量	Testing: Zn metal content, in case of positive result further testing with CE/ICP-MS. 测试方法: 测锌金属含量(DIN EN 16711-1(2016)). 在检测出的情况下必须进一步以CE/ICP-MS进行测试
<i>o</i> -Phenylphenol and its salts 邻苯基苯酚及其盐	Several 多个	Leather 皮革	Limitation 限用	50	100	200	mg/kg	DIN 50009 (2021)	
	Several 多个	Textiles 纺织	Limitation 限用	50			mg/kg	DIN 50009 (2021)	
Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类									
Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类	Several 多个	All 全部	Usage ban 禁用	5.0			mg/kg	EN 17137 (2018)	For sum of all allocated chlorinated benzenes and toluenes. Additional regulation for each allocated Member/Substance - Usage ban 1.0 mg/kg. 氯化代苯和氯化代甲苯总和//另每个组别成员/物质检出限: 1.0 mg/kg



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Chlorinated Phenols 氯化代苯酚									
<i>Trichlorophenol, all isomers</i> 三氯苯酚, 及所有同分异构体	25167-82-2	All 全部	Usage ban 禁用	0.05	0.5	0.5	mg/kg		For sum of all allocated TriCPs. 所有三氯苯酚总和
<i>Tetrachlorophenol, its salts and compounds</i> 四氯苯酚, 及其盐和化合物	25167-83-3	All 全部	Usage ban 禁用	0.05	0.5	0.5	mg/kg		For sum of all allocated TeCPs. 所有四氯苯酚总和
<i>Pentachlorophenol, its salts, esters and compounds</i> 五氯苯酚, 及其盐、酯和化合物	Several 多个	All 全部	Usage ban 禁用	0.05	0.5	0.5	mg/kg		For sum of all allocated PCPs. 所有五氯苯酚总和
<i>Mono- and Dichlorophenols</i> 一氯和二氯苯酚	Several 多个	All 全部	Usage ban 禁用	1.0			mg/kg	DIN 50009 (2021) EN ISO 17070 (Leather) DIN 50009 (2021) EN ISO 17070 (皮革)	For sum of all allocated Mono- and DiCPs. 所有单氯苯酚和二氯苯酚总和



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Colorants 着色剂									
<i>Colorants with carcinogenic potential</i> 可致癌着色剂	Several 多个	All 全部	Usage ban 禁用					DIN 54231 (2022)	Usage ban 20 mg/kg for every allocated Member/Substance 每个组别成员或物质禁用 20 mg/kg
<i>Colorants with allergenic potential</i> 可致敏着色剂	Several 多个	All 全部	Usage ban 禁用						
<i>Colorants banned for other reasons</i> 其他禁用着色剂	Several 多个	All 全部	Usage ban 禁用						



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Dioxins and Furans 二噁英及呋喃									
<i>Dioxins and Furans - Group 3</i> 二噁英及呋喃 - 组别 3	Several 多个	All 全部	Usage ban 禁用	95			µg/kg	EPA 8290A	For sum of all allocated Members/Substances to Group 3 - official regulation for sum of all allocated Members/Substances to Group 1, 2 and 3 - 100 µg/kg. Single substances listed in Annex. 组别 3 的所有组别成员/物质总和 - 官方法规规定组别 1&2&3 的总和 - 100 µg/kg 个别物质详见附录
<i>Dioxins and Furans - Group 1 and 2</i> 二噁英及呋喃 - 组别 1 & 2	Several 多个	All 全部	Usage ban 禁用	5.0	5.0	5.0	µg/kg		For sum of all allocated Members/Substances to Group 1 and 2. Single substances listed in Annex. 组别 1 & 2 的所有组别成员/物质总和 个别物质详见附录
<i>Dioxins and Furans - Group 1</i> 二噁英及呋喃 - 组别 1	Several 多个	All 全部	Usage ban 禁用	1.0	1.0	1.0	µg/kg		For sum of all allocated Members/Substances to Group 1. Single substances listed in Annex. 组别 1 的所有组别成员/物质总和 个别物质详见附录
<i>Dioxins and Furans - Group 4 and 5</i> 二噁英及呋喃 - 组别 4 & 5	Several 多个	All 全部	Usage ban 禁用	5.0	5.0	5.0	µg/kg		For sum of all allocated Members/Substances to Group 4 and 5. Single substances listed in Annex. 组别 4&5 的所有成员物质/个别物质的总和 个别物质详见附录
<i>Dioxins and Furans - Group 4</i> 二噁英及呋喃 - 组别 4	Several 多个	All 全部	Usage ban 禁用	1.0	1.0	1.0	µg/kg		For sum of all allocated Members/Substances to Group 4. Single substances listed in Annex. 组别 4 的所有成员物质/个别物质的总和 个别物质详见附录

This document has been drafted in English and translated into Chinese for convenience only. In the event of discrepancy, the English version shall prevail.



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Fibers 纤维									
<i>Asbestos</i> 石棉	Several 多个	All 全部	Usage ban 禁用					REM/EDX BGI 505-46 U.S. EPA/600/R-93/116	For all allocated Substances/Members. Usage ban // Not detected. Single substances listed in Annex. 所有对应组别成员/物质总和 禁用 // 未检出 个别物质详见附录
Flame retardants 阻燃剂									
Tetrabromobisphenol A - (TBBP A) 四溴双酚A (TBBP A)	79-94-7	All 全部	Usage ban 禁用	5.0	5.0	5.0	mg/kg	EN ISO 17881-1 (2016)	
Tetrabromobisphenol A bis(2,3-dibromopropylether) 四溴双酚A双(2,3-二溴丙基醚)	21850-44-2	All 全部	Usage ban 禁用	5.0		mg/kg			
Tri(aziridin-1-yl) phosphine oxide - (TEPA) 三亚乙基磷酰胺 (TEPA)	545-55-1	All 全部	Usage ban 禁用	5.0		mg/kg			
Bis(2,3-dibromopropyl) phosphate - (BDBPP) 双(2,3-二溴丙基)磷酸盐 (BDBPP)	5412-25-9	All 全部	Usage ban 禁用	5.0		mg/kg			
Trimethyl phosphate 磷酸三甲酯	512-56-1	All 全部	Usage ban 禁用	5.0		mg/kg			
Tri-o-cresyl phosphate 磷酸三邻甲苯酯	78-30-8	All 全部	Usage ban 禁用	5.0		mg/kg			
Tris(methylphenyl) phosphate 磷酸三甲苯酯	1330-78-5	All 全部	Usage ban 禁用	5.0		mg/kg			



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Flame retardants 阻燃剂									
Tris(2-chloroethyl) phosphate - (TCEP) 三(2-氯乙基)磷酸酯 (TCEP)	115-96-8	All 全部	Usage ban 禁用		5.0		mg/kg	ISO 17881-2 (2016)	
Tris-(2-chloro-1-methylethyl) phosphate - (TCPP) 三(二氯丙基)磷酸酯 (TCPP)	13674-84-5	All 全部	Usage ban 禁用		5.0		mg/kg		
Tris-[2-chloro-1-(chloromethyl)ethyl] phosphate - (TDCP or TDCPP) 三(1,3-二氯丙基)磷酸酯 (TDCP 或 TDCPP)	13674-87-8	All 全部	Usage ban 禁用		5.0		mg/kg		
Tris(2,3-dibromopropyl) phosphate - (TRIS) 三(2,3-二溴丙醇)磷酸酯 (TRIS)	126-72-7	All 全部	Usage ban 禁用	5.0	5.0	5.0	mg/kg		
Trixylyl phosphate - (TXP) 三(二甲苯)磷酸酯 (TXP)	25155-23-1	All 全部	Usage ban 禁用	5.0	5.0	5.0	mg/kg		
<i>Brominated alkyl alcohols</i> 溴化烷基醇类	Several 多个								
2,2-Bis(bromomethyl)-1,3-propanediol - (BBMP) 2,2-双(溴甲基)-1,3-丙二醇 (BBMP)	3296-90-0	All 全部	Usage ban 禁用	5.0	5.0	5.0	mg/kg	EN ISO 17881-1 (2016)	
2,3-Dibromopropan-1-ol - (2,3-DBPA) 2,3-二溴丙烷-1-醇 (2,3-DBPA)	96-13-9	All 全部	Usage ban 禁用	5.0	5.0	5.0	mg/kg		
1-Propanol, 2,2-dimethyl-, tribromo deriv. 1-丙醇, 2,2-二甲基-, 三溴衍生物	36483-57-5 1522-92-5	All 全部	Usage ban 禁用		5.0		mg/kg		



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Flame retardants 阻燃剂									
<i>Chlorinated paraffins, all chain lengths</i> 氯化石蜡, 所有链长	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用					ISO 22818 (2021)	Usage ban 5.0 mg/kg for every allocated group. 每个对应组别: 禁用 5.0 mg/kg
		Leather 皮革	Usage ban 禁用					ISO 18219 (2021)	Usage ban 100 mg/kg for every allocated group. 每个对应组别: 禁用 100 mg/kg
<i>Hexabromocyclododecan, all isomers - group for all major diastereoisomers identified</i> 六溴环十二烷, 所有异构体 - 所有主要的非镜像异构体	Several 多个	All 全部	Usage ban 禁用		5.0		mg/kg	EN ISO 17881-1 (2016)	
<i>Polybrominated diphenyl ethanes</i> 多溴二苯乙烷	Several 多个								
Decabromodiphenylethane (DBDPE) 十溴二苯乙烷 (DBDPE)	84852-53-9	All 全部	Usage ban 禁用		5.0		mg/kg		
<i>Polybrominated diphenyl ethers</i> 多溴二苯醚	Several 多个	All 全部	Usage ban 禁用					EN ISO 17881-1 (2016)	Usage ban 5.0 mg/kg for every allocated Member/Substance 每个对应成员物质/个别物质: 禁用 5.0 mg/kg



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Glycols 乙二醇类									
Bis(2-methoxyethyl) ether 二乙二醇二甲醚	111-96-6	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	
2-Ethoxyethanol 乙二醇醚	110-80-5	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Glycols 乙二醇类									
2-Ethoxyethyl acetate 乙二醇乙醚乙酸酯	111-15-9	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	
Ethylene glycol dimethyl ether 乙二醇二甲醚	110-71-4	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Glycols 乙二醇类									
2-Methoxyethanol 乙二醇甲醚	109-86-4	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	
2-Methoxyethyl acetate 乙二醇甲醚乙酸酯	110-49-6	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0			mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Glycols 乙二醇类									
2-Methoxy-1-propanol 2-甲氧基-1-丙醇	1589-47-5	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0			mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	
2-Methoxypropyl acetate 2-甲氧基-1-丙醇乙酸酯	70657-70-4	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Glycols 乙二醇类									
Triethylene glycol dimethyl ether 三乙二醇二甲醚	112-49-2	Textiles Down/feather Leather Metal parts Rubber articles 纺织, 羽绒, 皮革, 金属部件, 橡胶制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
		Plastic article 塑料制品	Usage ban 禁用	5.0	5.0	5.0	mg/kg	GC-MS // 2-Step extraction with Tetrahydrofuran and Methanol GC-MS // 四氢呋喃和甲醇两步萃取法	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes 卤化代联苯, 卤化代三联苯和卤化代萘									
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes 卤化代联苯, 卤化代三联苯和卤化代萘	Several 多个	All 全部	Usage ban 禁用					EN ISO 17881-1 (2016)	Usage ban for all allocated Members/Substances 所有对应的组别成员/物质 禁用
<i>Polybrominated Biphenyls</i> 多溴联苯	59536-65-1	All 全部	Usage ban 禁用	5.0	5.0	5.0	mg/kg	EN ISO 17881-1 (2016)	
<i>Polychlorinated Biphenyls</i> 多氯联苯	1336-36-3	All 全部	Usage ban 禁用	1.0	1.0	1.0	mg/kg	ISO/TR 17881-3 (2018)	
<i>Polychlorinated Terphenyls</i> 多氯三联苯	61788-33-8	All 全部	Usage ban 禁用		1.0		mg/kg		
<i>Polybrominated Terphenyls</i> 多溴三联苯	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	EN ISO 17881-1 (2016)	
<i>Polychlorinated Naphthalenes</i> 多氯化萘	Several 多个	All 全部	Usage ban 禁用					ISO/TR 17881-3 (2018)	
<i>Polybrominated Naphthalenes</i> 多溴化萘	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	EN ISO 17881-1 (2016)	Usage ban 1.0 mg/kg for every allocated Member/Substance 每单个组别成员或物质 禁用 1.0 mg/kg
									For sum of all allocated Members/Substances. 所有对应组别成员/物质总和



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Halogenated Diarylalkanes 卤化代双环烷类									
Halogenated Diarylalkanes 卤化代双环烷类	Several 多个	All 全部	Usage ban 禁用					GC-MS // Extraction following DIN EN 62321-6 (2016) GC-MS //按照 DIN EN 62321-6 (2016) 萃取	Usage ban // 1.0 mg/kg for every allocated Member/Substance 禁用 // 每个对应成员物质/个别物质: 1.0 mg/kg
Isocyanates 异氰酸酯									
Isocyanates 异氰酸酯	Several 多个	All 全部	Limitation 限用		1.0		mg/kg	EN 13130-8 (2004)	Free content applies to sum of all allocated isocyanates 游离含量适用于所有已列出的异氰酸酯的总和



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Antimony, its salts and compounds</i>	Several 多个								
Antimony - as content 锑 - 作为含量	7440-36-0	Leather 皮革	Limitation 限用	5	10	10	mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	As extractable metal content // Usage as flame retardant: bluesign® CRITERIA for flame retardants have to be followed. 金属可萃取含量 // 使用于阻燃剂 详见 bluesign® CRITERIA 阻燃剂准则
		Fibers/yarns 纤维/纱线	Limitation 限用	260			mg/kg	DIN EN 16711-1 (2016) // Total content DIN EN 16711-1 (2016) // 总含量	As total metal content // valid for polyester fibers (also dope dyed), but not for finished polyester textiles. 以金属总含量 // 适用于聚酯纤维 (也可原液染色), 但不适用于聚酯纺织品成品
		Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Limitation 限用	60			mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009) EN 71-3 (2019) // 仿胃液酸性溶液 DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009)	As extractable metal content // Usage as flame retardant: bluesign® CRITERIA for flame retardants have to be followed. 金属可萃取含量 // 使用于阻燃剂 详见 bluesign® CRITERIA 阻燃剂准则
		Textiles 纺织	Limitation 限用	5	10	10	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Arsenic, its salts and compounds</i> 砷, 其盐及其化合物	Several 多个								
Arsenic - as content 砷 - 作为含量	7440-38-2	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		10		mg/kg	DIN EN 16711-1 (2016) // Total content DIN EN 16711-1 (2016) // 总含量	As total metal content. Single substances listed in the BSSL Annex. 以金属总含量 个别物质详见BSSL附录
			Usage ban 禁用		0.2		mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	As extractable metal content. Single substances listed in the BSSL Annex. 以可萃取金属含量 个别物质详见BSSL附录
		Leather 皮革	Usage ban 禁用		0.2		mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	As extractable metal content. Single substances listed in the BSSL Annex. 以可萃取金属含量 个别物质详见BSSL附录
			Usage ban 禁用		10		mg/kg	EN ISO 17072-2 (2019) // Total content EN ISO 17072-2 (2019) // 总含量	As total metal content . Single substances listed in the BSSL Annex. 以金属总含量 个别物质详见BSSL附录



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Barium, its salts and compounds</i> 钡, 其盐及其化合物	Several 多个								
Barium - as content 钡 - 作为含量	7440-39-3	All 全部	Limitation 限用		1000		mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009) EN 71-3 (2019) // 仿胃液酸性溶液 DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009)	As extractable metal content. Single substances listed in the BSSL Annex. 以可萃取金属含量 个别物质详见BSSL附录



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Cadmium, its salts and compounds</i> 镉, 其盐及其化合物	Several 多个								
Cadmium - as content 镉 - 作为含量	7440-43-9	Textiles Down/feather Polymer parts 纺织, 羽绒, 聚合物部件	Usage ban 禁用		0.1		mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	As extractable metal content. Single substances listed in the BSSL Annex. 以可萃取金属含量 个别物质详见BSSL附录
		Leather 皮革	Usage ban 禁用		40		mg/kg	EN ISO 17072-2 (2019) // Total content EN ISO 17072-2 (2019) // 总含量	
		Textiles Down/feather Polymer parts 纺织, 羽绒, 聚合物部件	Usage ban 禁用		40		mg/kg	DIN EN 16711-1 (2016) // Total content DIN EN 16711-1 (2016) // 总含量	As total metal content. Single substances listed in the BSSL Annex. 以金属总含量 个别物质详见BSSL附录
		Metal parts 金属部件	Usage ban 禁用		40		mg/kg	DIN EN 16711-1 (2016) // Total content DIN EN 16711-1 (2016) // 总含量	
		Leather 皮革	Usage ban 禁用		0.1		mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	As extractable metal content. Single substances listed in the BSSL Annex. 以可萃取金属含量 个别物质详见BSSL附录



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Chromium, its salts and compounds - except Chromium VI, its salts and compounds</i> 铬、其盐及其化合物-六价铬其盐及化合物除外	Several 多个								
Chromium - as content 铬 - 作为含量	7440-47-3	Textiles 纺织	Limitation 限用		0.5		mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	As extractable metal content // for textiles dyed with chromium containing metal complex dyes A: 1.0 // B: 2.0 // C: 2.0 mg/kg. 金属可萃取含量 // 铬络合染料染色的纺织品可萃取含量为: A类: 1.0 // B类: 2.0 // C类: 2.0 mg/kg
		Down/feather Polymer parts Metal parts 羽绒、聚合物部件、金属部件	Limitation 限用		60		mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009) EN 71-3 (2019) // 仿胃液酸性溶液 DIN EN ISO 17294-2 (2017) DIN EN ISO 11885 (2009)	As extractable metal content. If products are covered with a metal layer, including a chromium layer, coating must be constantly in good condition. 可萃取金属含量。 如果产品覆盖有金属层, 包括铬层, 涂层必须始终处于良好状态



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Chromium VI, its salts and compounds</i> 铬 (VI), 其盐及其化合物	Several 多个								
Chromium VI - as content 六价铬 - 作为含量	18540-29-9	Leather 皮革	Usage ban 禁用		3.0		mg/kg	DIN EN ISO 4044 (2017) EN ISO 17075-1 (2017) EN ISO 17075-2 (2017)	As extractable metal content. Thermal pre-ageing test required in advance: ISO 10195:2018. Single substances listed in the BSSL Annex. 可萃取金属含量 需要提前进行热预老化测试: ISO 10195:2018 个别物质详见附录
		Textiles Down/feather Polymer parts 纺织, 羽绒, 聚合物部件	Usage ban 禁用		0.5		mg/kg	EN ISO 17075-1 (2017)	As extractable metal content. Single substances listed in the BSSL Annex.
		Metal parts 金属部件	Usage ban 禁用		0.5		mg/kg	EN 62321-7-1 (2016)	以可萃取金属含量 个别物质详见BSSL附录



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Cobalt, its salts and compounds</i> 钴, 其盐及其化合物	Several 多个								
Cobalt - as content 钴 - 作为含量	7440-48-4	Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Limitation 限用	1.0	4.0	4.0	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	As extractable metal content. 金属可萃取含量
		Leather 皮革	Limitation 限用	1.0			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	As extractable metal content // exception for articles dyed with cobalt containing metal complex dyes A: 1.0 // B: 4.0 // C: 4.0 mg/kg. Single substances listed in the BSSL Annex.
		Textiles 纺织	Limitation 限用	1.0			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	金属可萃取含量// 钴络合染料染色的制品例外: A类: 1.0 // B类: 4.0 // C类: 4.0 mg/kg 个别物质详见BSSL附录



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Copper, its salts and compounds</i> 铜 其盐及其化合物	Several 多个								
Copper - as content 铜 - 作为含量	7440-50-8	Textiles 纺织	Limitation 限用	25	50	50	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	As extractable metal content. 金属可萃取含量
		Leather 皮革	Limitation 限用	25	50	50	mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Lead, its salts and compounds</i> 铅, 其盐及其化合物	Several 多个								
Lead - as content 铅 - 作为含量	7439-92-1	Metal parts 金属部件	Usage ban 禁用	90			mg/kg	DIN EN 16711-1 (2016) // Total content DIN EN 16711-1 (2016) // 总含量	As total metal content. Single substances listed in the BSSL Annex.
		Leather 皮革	Usage ban 禁用	40			mg/kg	EN ISO 17072-2 (2019) // Total content EN ISO 17072-2 (2019) // 总含量	以金属总含量 个别物质详见BSSL附录
			Usage ban 禁用	0.2	1.0	1.0	mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	As extractable metal content. Single substances listed in the BSSL Annex. 以可萃取金属含量 个别物质详见BSSL附录
		Textiles Down/feather Polymer parts 纺织, 羽绒, 聚合物部件	Usage ban 禁用	40			mg/kg	DIN EN 16711-1 (2016) // Total content DIN EN 16711-1 (2016) // 总含量	以金属总含量 个别物质详见BSSL附录
Usage ban 禁用	0.2		1.0	1.0	mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	As extractable metal content. Single substances listed in the BSSL Annex. 以可萃取金属含量 个别物质详见BSSL附录		



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Mercury, its salts and compounds</i> 汞, 其盐及其化合物	Several 多个								
Mercury - as content 汞 - 作为含量	7439-97-6	Metal parts 金属部件	Usage ban 禁用		60		mg/kg	EN 71-3 (2019) // Acidic solution migration simulating gastric juices EN ISO 12846 (2012) EN 71-3 (2019) // 仿胃液酸性溶液 EN ISO 12846 (2012)	As extractable metal content. 金属可萃取含量
		Leather 皮革	Usage ban 禁用		0.02		mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	
		Textiles Down/feather Polymer parts 纺织, 羽绒, 聚合物部件	Usage ban 禁用		0.02		mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属									
<i>Nickel, its salts and compounds</i> 镍, 其盐及其化合物	Several 多个								
Nickel - as content 镍 - 作为含量	7440-02-0	Down/feather Leather 羽绒, 皮革	Limitation 限用	1.0			mg/kg	EN ISO 17072-1 (2019) // Acidic sweat solution EN ISO 17072-1 (2019) // 酸性汗液溶液	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. 金属可萃取含量 // 镍络合染料染色的制品例外, 可萃取含量为: A类: 1.0 // B类: 4.0 // C类: 4.0 mg/kg
	7440-02-0	Polymer parts Metal parts 聚合物部件, 金属部件	Usage ban 禁用	0.5	0.5		µg/cm ² / week	EN 12472 (2020) EN 1811 (2011) + A1 (2015) // Release EN 12472 (2020) EN 1811 (2011) + A1 (2015) // 释放出	Usage ban for A and B // Release // as metal content. A类 & B类禁用 // 以金属含量释放出
	7440-02-0	Textiles 纺织	Limitation 限用	1.0			mg/kg	DIN EN 16711-2 (2016) // Acidic sweat solution DIN EN 16711-2 (2016) // 酸性汗液溶液	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. 金属可萃取含量 // 镍络合染料染色的制品例外, 可萃取含量为: A类: 1.0 // B类: 4.0 // C类: 4.0 mg/kg



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Monomers 单体									
Acrylamide 丙烯酰胺	79-06-1	All 全部	Usage ban 禁用	1.0			mg/kg	CEN/TS 13130-10 (2005)	
Other Chemical Substances 其他化学物质									
Acetophenone 苯乙酮	98-86-2	All 全部	Limitation 限用	20			mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	
Azodicarbonamide - (ADCA) 偶氮二甲酰胺 (ADCA)	123-77-3	All 全部	Usage ban 禁用	100	200	200	mg/kg	GC-MS // Solvent extraction LC-MS // Solvent extraction LC-DAD // Solvent extraction GC-MS // 溶剂萃取 LC-MS // 溶剂萃取 LC-DAD // 溶剂萃取	Not allowed for bluesign® APPROVED chemicals, however the usage on-site is tolerated, if no feasible alternative for foaming is available. Proof that consumer safety limit for ADCA is kept via finished article testing (e.g. footwear sole). 禁止用于bluesign® APPROVED 的化学品，但如果没有可行的发泡替代品，则可暂许现场使用。需通过制品成品测试（例如鞋底）以证明符合消费者安全限值要求。
Benzyl chloride 氯化苄	100-44-7	All 全部	Usage ban 禁用	1.0			mg/kg	GC-MS // Extraction with Dichloromethane GC-MS // 二氯甲烷萃取	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质									
Bisphenol A 双酚A	80-05-7	All 全部	Usage ban 禁用	1.0	10	10	mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: Tetrahydrofuran (1:1) LC-MS // LC-MS/MS // LC-PDA // 甲醇萃取 或 甲醇:四氢呋喃 (1:1)	
Bisphenol AF 双酚AF	1478-61-1	All 全部	Usage ban 禁用		100		mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: Tetrahydrofuran (1:1) LC-MS // LC-MS/MS // LC-PDA // 甲醇萃取 或 甲醇:四氢呋喃 (1:1)	Articles need to comply latest 01 July 2025. 制品必须最晚于2025年7月1日前符合新限制
Bisphenol F 双酚F	620-92-8	All 全部	Limitation 限用		100		mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: Tetrahydrofuran (1:1) LC-MS // LC-MS/MS // LC-PDA // 甲醇萃取 或 甲醇:四氢呋喃 (1:1)	Reporting limit: 10 ppm. Specific limit for leather tanning and textile aftertreatment: 500 ppm. Articles need to comply latest 01 July 2025. 报告限值: 10 ppm 皮革鞣制和纺织品后处理的特定限值: 500 ppm 制品必须最晚于2025年7月1日前符合新限制
Bisphenol S 双酚S	80-09-1	All 全部	Usage ban 禁用		100		mg/kg	LC-MS // LC-MS/MS // LC-PDA // Extraction with Methanol or Methanol: Tetrahydrofuran (1:1) LC-MS // LC-MS/MS // LC-PDA // 甲醇萃取 或 甲醇:四氢呋喃 (1:1)	Reporting limit: 10 ppm. Specific limit for leather tanning and textile aftertreatment: 500 ppm. Articles need to comply latest 01 July 2025. 报告限值: 10 ppm 皮革鞣制和纺织品后处理的特定限值: 500 ppm 制品必须最晚于2025年7月1日前符合新限制



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质									
Formamide 甲酰胺	75-12-7	Textiles 纺织	Usage ban 禁用	50	50	200	mg/kg	EN 17131 (2019)	
		Down/feather Leather Polymer parts Metal parts 羽绒, 皮革, 聚合物部件, 金属部件	Usage ban 禁用	50	50	200	mg/kg	ISO 16189 (2021)	
Isoquinoline 异喹啉	119-65-3	All 全部	Usage ban 禁用	50			mg/kg	LC-MS/MS // Extraction with Methanol LC-DAD // Extraction with Tetrahydrofuran LC-MS/MS // Extraction with Tetrahydrofuran LC-DAD // Extraction with Methanol LC-MS/MS // 甲醇萃取 LC-DAD // 四氢呋喃萃取 LC-MS/MS // 四氢呋喃萃取 LC-DAD // 甲醇萃取	
Phenol 苯酚	108-95-2	All 全部	Limitation 限用	20	50	100	mg/kg	GC-MS // Extraction with Methanol LC-MS // Extraction with Methanol GC-MS // 甲醇萃取 LC-MS // 甲醇萃取	
2-Phenyl-2-propanol 2-苯基-2-丙醇	617-94-7	All 全部	Limitation 限用	10	50	50	mg/kg	GC-MS // Extraction with Methanol GC-MS // 甲醇萃取	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质									
Quinoline 喹啉	91-22-5	All 全部	Usage ban 禁用		50		mg/kg	LC-MS/MS // Extraction with Methanol LC-DAD // Extraction with Tetrahydrofuran LC-MS/MS // Extraction with Tetrahydrofuran LC-DAD // Extraction with Methanol LC-MS/MS // 甲醇萃取 LC-DAD // 四氢呋喃萃取 LC-MS/MS // 四氢呋喃萃取 LC-DAD // 甲醇萃取	
<i>Cresol, all isomers</i> 甲酚及其同分异构体	1319-77-3	All 全部	Usage ban 禁用					BVL B 82.02-8 (2001) // Extraction with Potassium hydroxide DIN EN ISO 17070 (2015) // Extraction with Potassium hydroxide	Usage ban 10 mg/kg for each isomer 禁用/每个异构体检出限: 10 mg/kg
o-Cresol 邻甲酚	95-48-7	All 全部	Usage ban 禁用		10		mg/kg	DIN EN ISO 17070 (2015) // Extraction with Potassium hydroxide	
m-Cresol 间甲酚	108-39-4	All 全部	Usage ban 禁用		10		mg/kg	BVL B 82.02-8 (2001) // 氢氧化钾萃取 DIN EN ISO 17070 (2015) // 氢氧化钾萃取	
p-Cresol 对甲酚	106-44-5	All 全部	Usage ban 禁用		10		mg/kg	DIN EN ISO 17070 (2015) // 氢氧化钾萃取	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质									
<i>Siloxanes</i> 硅氧烷	Several 多个	All 全部	Usage ban 禁用						Usage ban for every allocated Member/Substance 每个对应的组别成员或物质 禁用
D4-Siloxane (Octamethylcyclotetrasiloxane) 八甲基环四硅氧烷 (D4)	556-67-2	All 全部	Usage ban 禁用		30		mg/kg	GC // With reference to TEGEWA method (2021)	
D5-Siloxane (Decamethylcyclopentasiloxane) 十甲基环五硅氧烷 (D5)	541-02-6	All 全部	Usage ban 禁用		200		mg/kg	GC // 参考TEGEWA测试方法 (2021)	
D6-Siloxane (Dodecamethylcyclohexasiloxane) 十二甲基环六硅氧烷 (D6)	540-97-6	All 全部	Usage ban 禁用		200		mg/kg		



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Ozone Depleting Substances (according to Regulation (EC) No 1005/2009) 臭氧消耗物质 (根据法规 (EC) No. 1005/2009)									
Ozone Depleting Substances (according to Regulation (EC) No 1005/2009) 臭氧消耗物质 (根据法规 (EC) No. 1005/2009)	Several 多个	All 全部	Usage ban 禁用						Usage ban for direct use in manufacturing of articles // 0.1 mg/kg for every allocated Member/Substance 禁止直接用于生产 // 每个组别成员或物质检出限: 0.1 mg/kg
<i>Ozone depleting substances (CFCs) class I</i> 臭氧消耗物质 (CFCs) 第I类	Several 多个	All 全部	Usage ban 禁用					GC-MS // Headspace GC-MS // 顶空进样	Usage ban for direct use in manufacturing of articles // 0.1 mg/kg for every allocated Member/Substance Single substances listed in Annex
<i>Ozone depleting substances (CFCs) class II</i> 臭氧消耗物质 (CFCs) 第II类	Several 多个	All 全部	Usage ban 禁用						禁止直接用于生产 // 每个组别成员或物质检出限: 0.1 mg/kg 个别物质详见附录
Pesticides 杀虫剂									
Pesticides 杀虫剂	Several 多个	All 全部	Limitation 限用		0.5		mg/kg	GC-MS // ASE with Acetone/Hexane LC-MS // ASE with Acetone/Hexane GC-MS // Soxhlet Extraction with Acetone/Hexane LC-MS // Soxhlet Extraction with Acetone/Hexane GC-MS // 用丙酮/己烷加速萃取 LC-MS // 用丙酮/己烷加速萃取 GC-MS // 用丙酮/己烷进行索氏萃取 LC-MS // 用丙酮/己烷进行索氏萃取	Applies to total sum of all allocated members/substances. Single substances listed in Annex. 所有对应的组别成员/物质总和个别物质详见附录



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)									
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)	Several 多个	All 全部	Usage ban 禁用		50		mg/kg	EN 14582 (total fluorine) ASTM 07359 (total fluorine) EN 14582 (总氟) ASTM 07359 (总氟)	Limit refers to total fluorine content. Exceptions might be possible for specific uses, see "Guidance Sheet PFAS phase out" and PFAS statement in section 5.6. Articles need to comply latest 01 January 2025. 限值是指总氟含量 特定用途可能存在例外情况, 请参阅“PFAS 淘汰指引文件”和在第 5.6 节中的 PFAS 声明。 制品必须最晚在 2025 年 1 月 1 日之前符合要求。
Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine 2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙-2-基)吗啉和 2,2,3,3,5,5,6,6-八氟-4-(七氟丙基)吗啉的反应物		Leather 皮革	Usage ban 禁用		100		µg/kg	EN ISO 23702-1 (2023)	
		Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒 聚合物部件, 金属部件	Usage ban 禁用		100		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)									
<i>Perfluorohexane sulfonic acid and its derivatives</i> 全氟己烷磺酸及其衍生物	Several 多个	All 全部	Usage ban 禁用						Single substances listed in Annex. 个别物质详见附录
<i>Perfluorohexane sulfonic acid and its salts</i> 全氟己烷磺酸和其盐	Several 多个	Leather 皮革	Usage ban 禁用		20		µg/kg	EN ISO 23702-1 (2023)	
<i>Perfluorohexane sulfonic acid and its salts</i> 全氟己烷磺酸和其盐	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
<i>Perfluorohexane sulfon amides</i> 全氟己烷磺酰胺	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several 多个	Leather 皮革	Usage ban 禁用		20		µg/kg	EN ISO 23702-1 (2023)	
<i>Perfluorohexane sulfon amidoethanols</i> 全氟己烷磺酰胺乙醇	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several 多个	Leather 皮革	Usage ban 禁用		20		µg/kg	EN ISO 23702-1 (2023)	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)									
<i>Perfluorohexane sulfon amidoethyl (meth)acrylates</i> 全氟己烷磺乙酰胺基(甲基)丙烯酸酯	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several 多个	Leather 皮革	Usage ban 禁用		20		µg/kg	EN ISO 23702-1 (2023)	
<i>Perfluorohexane sulfon halides</i> 全氟己烷磺化卤化物	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several 多个	Leather 皮革	Usage ban 禁用		20		µg/kg	EN ISO 23702-1 (2023)	
<i>Perfluorohexane sulfon polymers</i> 全氟己烷磺化聚合物	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		20		µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several 多个	Leather 皮革	Usage ban 禁用		20		µg/kg	EN ISO 23702-1 (2023)	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)									
<i>Perfluorooctane sulfonic acid and its derivatives</i> 全氟辛烷磺酸及其衍生物	Several 多个	Leather 皮革	Usage ban 禁用	1.0	1.0	1.0	µg/m ²	EN ISO 23702-1 (2023)	Single substances listed in Annex. 个别物质详见附录
	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	1.0	1.0	1.0	µg/m ²	CEN/TS 15968 (2010) prEN 17681-1:2023	
<i>Perfluorohexanoic acid and its salts</i> 全氟己酸和其盐	Several 多个	Leather 皮革	Usage ban 禁用	25	25	25	µg/kg	EN ISO 23702-1 (2023)	Usage ban Single substances listed in Annex 禁用 个别物质详见附录
	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	25	25	25	µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
<i>Perfluoroheptanoic acid and its salts</i> 全氟庚酸和其盐	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	50	50	50	µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
	Several 多个	Leather 皮革	Usage ban 禁用	50	50	50	µg/kg	EN ISO 23702-1 (2023)	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)									
<i>Perfluorooctanoic acid and its salts</i> 全氟辛酸及其盐	Several 多个	Leather 皮革	Usage ban 禁用	25	25	25	µg/kg	EN ISO 23702-1 (2023)	Usage ban Single substances listed in Annex 禁用 个别物质详见附录
	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	25	25	25	µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
<i>Perfluorocarboxylic acids (C9-C14) and its salts</i> 全氟羧酸及其盐	Several 多个	Leather 皮革	Usage ban 禁用	25			µg/kg	EN ISO 23702-1 (2023)	For sum of all allocated Members/Substances. 所有对应组别成员/物质总和
	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	25	25	25	µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	
<i>Perfluorohexanoic acid related substances</i> 全氟己酸相关物质	Several 多个	Leather 皮革	Usage ban 禁用	1000	1000	1000	µg/kg	EN ISO 23702-1 (2023)	Usage ban Single substances listed in Annex 禁用 个别物质详见附录
	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	1000	1000	1000	µg/kg	CEN/TS 15968 (2010) prEN 17681-1:2023	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)									
Perfluorooctanoic acid related substances 全氟辛酸相关物质	Several 多个	Leather 皮革	Usage ban 禁用	1000	1000	1000	µg/kg	EN ISO 23702-1 (2023)	For the sum of PFOA-related substances. Single substances listed in Annex. 适用于PFOA 相关物质总和 个别物质详见附录
	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	1000	1000	1000	µg/kg	prEN 17681-1:2023 CEN/TS 15968 (2010)	
Perfluorocarboxylic acid (C9-C14) related substances 全氟羧酸和相关物质	Several 多个	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	260	260	260	µg/kg		
	Several 多个	Leather 皮革	Usage ban 禁用	260	260	260	µg/kg		
Plasticizers 塑化剂									
Phthalic acid esters 邻苯二甲酸酯	Several 多个	Textiles 纺织	Usage ban 禁用					CPSC-CH-C1001-09.4 EN ISO 14389 (2014)	Usage ban 50 mg/kg for every allocated Member/Substance 禁用/每个组别成员或物质检出限: 50 mg/kg
	Several 多个	Down/feather Leather Polymer parts Metal parts 羽绒, 皮革, 聚合物部件, 金属部件	Usage ban 禁用					CPSC-CH-C1001-09.4	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Polyaromatic hydrocarbons (PAHs) 多环芳香烃									
Polyaromatic hydrocarbons (PAHs) 多环芳香烃	Several 多个	All 全部	Usage ban 禁用	10	10	10	mg/kg	AfPS GS 2019	For sum of all allocated PAHs. Alternative test methods: EN17132 or ISO 16190. 所有多环芳香烃的总和 替代测试方法: EN17132 或 ISO 16190
Benzo(a)pyrene 苯并(a)芘	50-32-8		Usage ban 禁用	0.2			mg/kg		
Benzo(e)pyrene 苯并(e)芘	192-97-2		Usage ban 禁用	0.5	1.0	1.0	mg/kg		
Benzo(a)anthracene 苯并(a)蒽	56-55-3		Usage ban 禁用	0.5	1.0	1.0	mg/kg		
Benzo(b)fluoroanthene 苯并(b)荧蒽	205-99-2		Usage ban 禁用	0.5	1.0	1.0	mg/kg		
Benzo(j)fluoroanthene 苯并(j)荧蒽	205-82-3		Usage ban 禁用	0.5	1.0	1.0	mg/kg		
Benzo(k)fluoroanthene 苯并(k)荧蒽	207-08-9		Usage ban 禁用	0.5	1.0	1.0	mg/kg		
Chrysene 蒽	218-01-9		Usage ban 禁用	0.5	1.0	1.0	mg/kg		
Dibenzo(a,h)anthrene 二苯蒽	53-70-3		Usage ban 禁用	0.5	1.0	1.0	mg/kg		
Polymers 高分子聚合物									
Polyvinyl chloride 聚氯乙烯	9002-86-2	All 全部	Usage ban 禁用					Total chlorine (EN 14582) // FTIR (when chlorine detected) 总氯 (EN 14582) // FTIR (检测到氯时)	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. A类和B类禁用 - 不得检出 // C类: bluesign technologies 保留针对特殊用途制定特别措施的权利

This document has been drafted in English and translated into Chinese for convenience only. In the event of discrepancy, the English version shall prevail.
 本清单为英文编写, 为便于理解翻译成中文。如中英文本不一致时, 请以英文文本为准。
 bluesign® Restricted Substances List 限用物质清单 (RSLL) | v15.0 | 2024年7月1日
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Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Solvents 有机溶剂									
Benzene 苯	71-43-2	All 全部	Usage ban 禁用		5.0		mg/kg	VDA 278 (2011)	
1,2-Dichloroethane 1,2-二氯乙烷	107-06-2	All 全部	Usage ban 禁用		1.0		mg/kg	GC-MS // Headspace GC-MS // 顶空进样	
Dichloromethane 二氯甲烷	75-09-2	All 全部	Usage ban 禁用		5.0		mg/kg	GC-MS // Headspace GC-MS // 顶空进样	Exception is valid for chemicals used in paint stripping process in closed systems 例外:适用于溶剂涂层、贴合的制品或纤维制造的特定期限值 – A/B/C 50mg/kg. 例外同等适用于腈纶纤维



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Solvents 有机溶剂									
N,N-Dimethylacetamide - (DMAc) N,N-二甲基乙酰胺 (DMAc)	127-19-5	Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		5.0		mg/kg	ISO 16189 (2021)	
		Leather 皮革	Usage ban 禁用		5.0		mg/kg	EN ISO 19070 (2016)	
		Textiles 纺织	Usage ban 禁用		5.0		mg/kg	EN 17131 (2019)	Exceptions defined: Articles produced by solvent coating, lamination or fiber manufacturing - A/B/C 50 mg/kg. As residual fiber solvent in elastane and PAN fibers with Monitoring status - A: 10 mg/kg, B/C: 50 mg/kg. Aramid fibers: For special applications bluesign technologies has the right to make an individual decision. 例外:适用于溶剂涂层、贴合的制品或纤维 制造的特定限值 - A/B/C 50mg/kg. 例外同等适用于腈纶纤维



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Solvents 有机溶剂									
N,N-Dimethylformamide - (DMF) N,N-二甲基甲酰胺 (DMF)	68-12-2	Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Usage ban 禁用		5.0		mg/kg	ISO 16189 (2021)	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. 例外: 适用于溶剂涂层、贴合的制品或纤维制造的特定限值 - A/B/C 50mg/kg. 例外同等适用于腈纶纤维
		Leather 皮革	Usage ban 禁用		5.0		mg/kg	EN ISO 19070 (2016)	
		Textiles 纺织	Usage ban 禁用		5.0		mg/kg	EN 17131 (2019)	
N-Ethyl-2-pyrrolidone - (NEP) N-乙基-2-吡咯烷酮 (NEP)	2687-91-4	Textiles 纺织	Usage ban 禁用	10	10	100	mg/kg	EN 17131 (2019)	
		Leather 皮革	Usage ban 禁用	10	10	100	mg/kg		
		Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	10	10	100	mg/kg	ISO 16189 (2021)	



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Solvents 有机溶剂									
N-Methylpyrrolidone - (NMP) N-甲基吡咯烷酮 (NMP)	872-50-4	Textiles 纺织	Usage ban 禁用	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 芳纶例外: bluesign technologies 保留针对特殊用途制定特别措施的权利
		Leather 皮革	Usage ban 禁用	10	10	100	mg/kg	EN ISO 19070 (2016)	
		Down/feather Polymer parts Metal parts 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	10	10	100	mg/kg	ISO 16189 (2021)	
Tetrachloroethylene 四氯乙烯	127-18-4	All 全部	Usage ban 禁用	1.0			mg/kg	GC-MS // Headspace GC-MS // 顶空进样	Exception is valid for articles produced by dry cleaning process. Limit when used as solvent in dry cleaning: 10 mg/kg. 例外: 干洗工艺生产的制品。作为干洗工艺中溶剂的限值: 10mg/kg
Toluene 甲苯	108-88-3	All 全部	Usage ban 禁用	10	50	50	mg/kg	GC-MS // Headspace GC-MS // 顶空进样	Exception valid for solvent coating, laminating and painting/lacquering. 例外: 溶剂涂层、贴合和上漆/涂漆



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Solvents 有机溶剂									
Trichloroethylene 三氯乙烯	79-01-6	All 全部	Usage ban 禁用	5.0			mg/kg	GC-MS // Headspace GC-MS // 顶空进样	
<i>Xylene, all isomers</i> 二甲苯及所有同分异构体	1330-20-7	All 全部	Usage ban 禁用	50	100	100	mg/kg	GC-MS // Headspace GC-MS // 顶空进样	For sum of all isomers. Usage ban not valid for solvent coating, laminating and painting/lacquering. Limits valid for all articles. 所有异构体总和 禁用限制不适用于溶剂涂层, 贴合和上漆/ 喷漆, 但限制值适用于所有制品



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Tin-organic Compounds 有机锡化合物									
<i>Methyltin compounds</i> 甲基锡化合物	Several 多个								
<i>Monomethyltin compounds - (MMT)</i> 单甲基锡化合物 (MMT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
<i>Dimethyltin compounds - (DMT)</i> 二甲基锡化合物 (DMT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		
<i>Trimethyltin compounds - (TMT)</i> 三甲基锡化合物 (TMT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		
<i>Ethyltin compounds</i> 乙基锡化合物	Several 多个								
<i>Tetraethyltin compounds - (TeET)</i> 四乙基锡化合物 (TeET)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
<i>Propyltin compounds</i> 丙基锡化合物	Several 多个								
<i>Dipropyltin compounds - (DPT)</i> 二丙基锡化合物 (DPT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
<i>Tripropyltin compounds - (TPT)</i> 三丙基锡化合物 (TPT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		
<i>Butyltin compounds</i> 丁基锡化合物	Several 多个								
<i>Monobutyltin compounds - (MBT)</i> 单丁基锡化合物 (MBT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
<i>Dibutyltin compounds - (DBT)</i> 二丁基锡化合物 (DBT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg		
<i>Tributyltin compounds - (TBT)</i> 三丁基锡化合物 (TBT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		
<i>Tetrabutyltin compounds - (TeBT)</i> 四丁基锡化合物 (TeBT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
Tin-organic Compounds 有机锡化合物									
<i>Hexyltin compounds</i> 己基锡化合物	Several 多个								
<i>Tricyclohexyltin compounds - (TCyHT)</i> 三环己基锡化合物 (TCyHT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
<i>Octyltin compounds</i> 辛基锡化合物	Several 多个								
<i>Monooctyltin compounds - (MOT)</i> 单辛基锡化合物 (MOT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
<i>Diocetyl tin compounds - (DOT)</i> 二辛基锡化合物 (DOT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg		
<i>Triocetyl tin compounds - (TOT)</i> 三辛基锡化合物 (TOT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		
<i>Tetraocetyl tin compounds - (TeOT)</i> 四正辛基锡化合物 (TeOT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		
<i>Phenyltin compounds</i> 苯锡化合物	Several 多个								
<i>Monophenyltin compounds - (MPhT)</i> 单苯锡化合物 (MPhT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg	CEN ISO/TS 16179 (2012) EN ISO 22744-1 (2020)	
<i>Diphenyltin compounds - (DPhT)</i> 二苯锡化合物 (DPhT)	Several 多个	All 全部	Usage ban 禁用		1.0		mg/kg		
<i>Triphenyltin compounds - (TPhT)</i> 三苯基锡化合物 (TPhT)	Several 多个	All 全部	Usage ban 禁用		0.5		mg/kg		



Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	A	B	C	Unit 单位	Test Method 测试方法	Comment 备注
UV stabilizers 紫外线稳定剂									
UV stabilizers 紫外线稳定剂	Several 多个	All 全部	Usage ban 禁用					DIN EN 62321-6 (2016) // Extraction with Tetrahydrofuran DIN EN 62321-6 (2016) // 四氢呋喃萃取	Usage ban 1000 mg/kg for every allocated Member/Substance 单个组别成员/物质：禁用 1000 mg/kg
UV-320	3846-71-7	All 全部	Usage ban 禁用		1000		mg/kg	ISO 24040 // Extraction with Tetrahydrofuran // GC-MS ISO 24040 // 四氢呋喃萃取 // GC-MS	
UV-326	3896-11-5	All 全部	Usage ban 禁用		1000		mg/kg	ISO 24040 // Extraction with Tetrahydrofuran // GC-MS ISO 24040 // 四氢呋喃萃取 // GC-MS	Articles need to comply latest 01 July 2026. 制品必须最晚于2026年7月1日前符合新限制
UV-327	3864-99-1	All 全部	Usage ban 禁用		1000		mg/kg	ISO 24040 // Extraction with Tetrahydrofuran // GC-MS ISO 24040 // 四氢呋喃萃取 // GC-MS	
UV-328	25973-55-1	All 全部	Usage ban 禁用		1000		mg/kg	ISO 24040 // Extraction with Tetrahydrofuran // GC-MS ISO 24040 // 四氢呋喃萃取 // GC-MS	
UV-329	3147-75-9	All 全部	Usage ban 禁用		1000		mg/kg	ISO 24040 // Extraction with Tetrahydrofuran // GC-MS ISO 24040 // 四氢呋喃萃取 // GC-MS	Articles need to comply latest 01 July 2026. 制品必须最晚于2026年7月1日前符合新限制
UV-350	36437-37-3	All 全部	Usage ban 禁用		1000		mg/kg	ISO 24040 // Extraction with Tetrahydrofuran // GC-MS ISO 24040 // 四氢呋喃萃取 // GC-MS	



6 Annex I Compilation of Individual Substances

The tables from Annex I list individual substances that belong to the following substance groups:
本附录按照如下分别列出各物质组别内的限用物质清单:

- Arylamines 芳香胺
- Biocides 杀菌剂
- Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类
- Chlorinated Phenols 氯化代苯酚
- Colorants 着色剂
- Dioxins and Furans 二噁英及呋喃
- Fibers 纤维
- Flame Retardants 阻燃剂
- Halogenated Diarylalkanes 卤化代双环烷类
- Isocyanates 异氰酸酯
- PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)
- Plasticizers 塑化剂
- Polyaromatic hydrocarbons (PAHs) 多环芳香烃

Limit values and test methods for the substance groups are provided in section 5.2.
各物质组别的限值及检测方法请参阅第5.2节。



Chemical name 化学物质	CAS Number 化学品文摘号
Arylamines 芳香胺	
<i>o</i> -Aminoazotoluene and its salts 邻-胺基偶氮甲苯及其盐	Several 多个
<i>o</i> -Aminoazotoluene 邻氨基偶氮甲苯	97-56-3
<i>p</i> -Aminoazobenzene and its salts 对-胺基偶氮苯及其盐	Several 多个
<i>p</i> -Aminoazobenzene 对氨基偶氮苯	60-09-3
4-Aminobiphenyl and its salts 4-氨基联苯及其盐	Several 多个
4-Aminobiphenyl 4-氨基联苯	92-67-1
6-Amino-2-ethoxynaphthalene and its salts 6-氨基-2-乙氧基萘及其盐	Several 多个
6-Amino-2-ethoxynaphthalene 6-氨基-2-乙氧基萘	293733-21-8
4-Amino-3-fluorophenol and its salts 4-氨基-3-氟苯酚及其盐	Several 多个
4-Amino-3-fluorophenol 4-氨基-3-氟苯酚	399-95-1
4-Chloroaniline and its salts 4-氯苯胺及其盐	Several 多个
4-Chloroaniline 4-氯苯胺	106-47-8
2,4-Diaminoanisole and its salts 2,4-二氨基苯甲醚及其盐	Several 多个
2,4-Diaminoanisole 2,4-二氨基苯甲醚	615-05-4
2,4-Diaminoanisole sulphate 2,4-二氨基苯甲醚磺酸盐	39156-41-7

Chemical name 化学物质	CAS Number 化学品文摘号
4,4'-Diaminodiphenylmethane and its salts 4,4'-二氨基二苯甲烷及其盐	Several 多个
4,4'-Diaminodiphenylmethane 4,4'-二氨基二苯甲烷	101-77-9
2,4-Diaminotoluene and its salts 2,4-二氨基甲苯及其盐	Several 多个
2,4-Diaminotoluene 2,4-二氨基甲苯	95-80-7
4,4'-Methylenebis-(2-chloroaniline) and its salts 4,4'-亚甲基-双-(2-氯苯胺)及其盐	Several 多个
4,4'-Methylenebis-(2-chloroaniline) 4,4'-亚甲基-双-(2-氯苯胺)	101-14-4
2-Naphthylamine and its salts 2-萘胺及其盐	Several 多个
2-Naphthylamine 2-萘胺	91-59-8
2-Naphthylammonium acetate 2-萘基醋酸铵	553-00-4
Anisidines and its salts 甲氧基苯胺及其盐	Several 多个
Anisidine (o-, p-isomers) 甲氧基苯胺 (邻-, 对-同分异构体)	29191-52-4
2-Anisidine and its salts 2-甲氧基苯胺及其盐	Several 多个
2-Anisidine 2-甲氧基苯胺	90-04-0
Benzidines and its salts 联苯胺及其盐	Several 多个
Benzidine and its salts 联苯胺及其盐	Several 多个
Benzidine 联苯胺	92-87-5



Chemical name 化学物质	CAS Number 化学品文摘号
Benzidine dihydrochloride 联苯胺二盐酸盐	531-85-1
Benzidine, sulfate (1:1) 联苯胺硫酸盐 (1:1)	531-86-2
Benzidine, sulfate 联苯胺硫酸盐	21136-70-9
Benzidine acetate 联苯胺醋酸盐	36341-27-2
<i>3,3'-Dimethylbenzidine and its salts</i> 3,3'-二甲基联苯胺及其盐	Several 多个
3,3'-Dimethylbenzidine 3,3'-二甲基联苯胺	119-93-7
<i>3,3'-Dichlorobenzidine and its salts</i> 3,3'-二氯联苯胺及其盐	Several 多个
3,3'-Dichlorobenzidine 3,3'-二氯联苯胺	91-94-1
<i>o-Dianisidines and its salts</i> 邻-二甲氧基联苯胺及其盐	Several 多个
3,3'-Dimethoxybenzidine 3,3'-二甲氧基联苯胺	119-90-4
<i>Dianilines and its salts</i> 二苯胺及其盐	Several 多个
<i>4,4'-Oxydianiline and its salts</i> 4,4'-二氨基二苯醚及其盐	Several 多个
4,4'-Oxydianiline 4,4'-二氨基二苯醚	101-80-4
<i>4,4'-Thiodianiline and its salts</i> 4,4'-二氨基二苯硫醚及其盐	Several 多个
4,4'-Thiodianiline 4,4'-二氨基二苯硫醚	139-65-1
<i>Toluidines and its salts</i> 甲苯胺及其盐	Several 多个

Chemical name 化学物质	CAS Number 化学品文摘号
<i>p-Cresidine and its salts</i> 对甲酚定及其盐	Several 多个
p-Cresidine 对甲酚定	120-71-8
<i>m-Toluidine and its salts</i> 间甲苯胺及其盐	Several 多个
m-Toluidine 间甲苯胺	108-44-1
<i>o-Toluidine and its salts</i> 邻甲苯胺及其盐	Several 多个
o-Toluidine 邻甲苯胺	95-53-4
<i>p-Toluidine and its salts</i> 对甲苯胺及其盐	Several 多个
p-Toluidine 对甲苯胺	106-49-0
<i>4,4'-Methylenedi-o-toluidine and its salts</i> 4,4'-亚甲基二邻甲苯胺及其盐	Several 多个
4,4'-Methylenedi-o-toluidine 4,4'-亚甲基二邻甲苯胺	838-88-0
<i>Nitrotoluidines and its salts</i> 硝基甲苯胺及其盐	Several 多个
<i>2-Amino-4-nitrotoluene and its salts</i> 2-氨基-4-硝基甲苯及其盐	Several 多个
2-Amino-4-nitrotoluene 2-氨基-4-硝基甲苯	99-55-8
<i>Chlorotoluidines and its salts</i> 氯甲苯胺及其盐	Several 多个
<i>4-Chloro-2-toluidine and its salts</i> 4-氯-2-甲苯胺及其盐	Several 多个
4-Chloro-2-toluidine 4-氯-2-甲苯胺	95-69-2



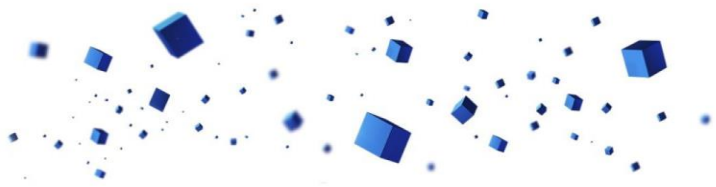
Chemical name 化学物质	CAS Number 化学品文摘号
4-Chloro-2-toluidine hydrochloride 4-氯邻甲苯胺盐酸盐	3165-93-3
Trimethylanilines and its salts 三甲基苯胺及其盐	Several 多个
2,4,5-Trimethylaniline and its salts 2,4,5-三甲基苯胺及其盐	Several 多个
2,4,5-Trimethylaniline 2,4,5-三甲基苯胺	137-17-7
2,4,5-Trimethylaniline hydrochloride 2,4,5-三甲基苯胺盐酸盐	21436-97-5
Xylidines and its salts 二甲基苯胺及其盐	Several 多个
2,4-Xylidine and its salts 2,4-二甲基苯胺及其盐	Several 多个
2,4-Xylidine 2,4-二甲基苯胺	95-68-1
2,6-Xylidine and its salts 2,6-二甲基苯胺及其盐	Several 多个
2,6-Xylidine 2,6-二甲基苯胺	87-62-7
Biocides 杀菌剂	
o-Phenylphenol and its salts 邻苯基苯酚及其盐	Several 多个
o-Phenylphenol 邻苯基苯酚	90-43-7
Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类	
Chlorinated Benzenes 氯化代苯	Several 多个
Monochlorobenzene 一氯苯	108-90-7

Chemical name 化学物质	CAS Number 化学品文摘号
Pentachlorobenzene 五氯苯	608-93-5
Hexachlorobenzene 六氯苯	118-74-1
<i>Dichlorobenzenes, all isomers</i> <i>二氯苯, 及所有同分异构体</i>	Several 多个
1,2-Dichlorobenzene 1,2-二氯苯	95-50-1
1,3-Dichlorobenzene 1,3-二氯苯	541-73-1
1,4-Dichlorobenzene 1,4-二氯苯	106-46-7
<i>Trichlorobenzenes, all isomers</i> <i>三氯苯, 及所有同分异构体</i>	Several 多个
1,2,3-Trichlorobenzene 1,2,3-三氯苯	87-61-6
1,2,4-Trichlorobenzene 1,2,4-三氯苯	120-82-1
1,3,5-Trichlorobenzene 1,3,5-三氯苯	108-70-3
<i>Tetrachlorobenzenes, all isomers</i> <i>四氯苯, 及所有同分异构体</i>	Several 多个
1,2,3,4-Tetrachlorobenzene 1,2,3,4-四氯苯	634-66-2
1,2,3,5-Tetrachlorobenzene 1,2,3,5-四氯苯	634-90-2
1,2,4,5-Tetrachlorobenzene 1,2,4,5-四氯苯	95-94-3
Chlorinated Toluenes 氯化代甲苯	Several 多个
Pentachlorotoluene 五氯甲苯	877-11-2



Chemical name 化学物质	CAS Number 化学品文摘号
Chlorotoluene, unspecified mixture 氯甲苯, 不特定混合物	25168-05-2
<i>Monochlorotoluenes, all isomers</i> 一氯甲苯, 及所有同分异构体	Several 多个
2-Chlorotoluene 2-氯甲苯	95-49-8
3-Chlorotoluene 3-氯甲苯	108-41-8
4-Chlorotoluene 4-氯甲苯	106-43-4
<i>Dichlorotoluenes, all isomers</i> 二氯甲苯, 及所有同分异构体	Several 多个
2,3-Dichlorotoluene 2,3-二氯甲苯	32768-54-0
2,4-Dichlorotoluene 2,4-二氯甲苯	95-73-8
2,5-Dichlorotoluene 2,5-二氯甲苯	19398-61-9
2,6-Dichlorotoluene 2,6-二氯甲苯	118-69-4
3,4-Dichlorotoluene 3,4-二氯甲苯	95-75-0
3,5-Dichlorotoluene 3,5-二氯甲苯	25186-47-4
<i>Trichlorotoluenes, all isomers</i> 三氯甲苯, 及所有同分异构体	Several 多个
2,3,4-Trichlorotoluene 2,3,4-三氯甲苯	7359-72-0
2,3,6-Trichlorotoluene 2,3,6-三氯甲苯	2077-46-5
2,4,5-Trichlorotoluene 2,4,5-三氯甲苯	6639-30-1

Chemical name 化学物质	CAS Number 化学品文摘号
2,4,6-Trichlorotoluene 2,4,6-三氯甲苯	23749-65-7
3,4,5-Trichlorotoluene 3,4,5-三氯甲苯	21472-86-6
a,a,a-Trichlorotoluene a,a,a-三氯甲苯	98-07-7
<i>Tetrachlorotoluenes, all isomers</i> 四氯甲苯, 及所有同分异构体	Several 多个
2,3,4,5-Tetrachlorotoluene 2,3,4,5-四氯甲苯	1006-32-2
2,3,5,6-Tetrachlorotoluene 2,3,5,6-四氯甲苯	1006-31-1
2,3,4,6-Tetrachlorotoluene 2,3,4,6-四氯甲苯	875-40-1
a,a,a,4-Tetrachlorotoluene a,a,a,4-四氯甲苯	5216-25-1
a,a,a,2-Tetrachlorotoluene a,a,a,2-四氯甲苯	2136-89-2
Chlorinated Phenols 氯化代苯酚	
<i>Trichlorophenol, all isomers</i> 三氯苯酚, 及所有同分异构体	25167-82-2
2,3,4-Trichlorophenol 2,3,4-三氯苯酚	15950-66-0
2,3,5-Trichlorophenol 2,3,5-三氯苯酚	933-78-8
2,3,6-Trichlorophenol 2,3,6-三氯苯酚	933-75-5
2,4,5-Trichlorophenol 2,4,5-三氯苯酚	95-95-4
2,4,6-Trichlorophenol 2,4,6-三氯苯酚	88-06-2



Chemical name 化学物质	CAS Number 化学品文摘号
3,4,5-Trichlorophenol 3,4,5-三氯苯酚	609-19-8
<i>Tetrachlorophenol, its salts and compounds</i> 四氯苯酚, 及其盐和化合物	25167-83-3
2,3,4,5-Tetrachlorophenol 2,3,4,5-四氯苯酚	4901-51-3
2,3,4,6-Tetrachlorophenol 2,3,4,6-四氯苯酚	58-90-2
2,3,5,6-Tetrachlorophenol 2,3,5,6-四氯苯酚	935-95-5
<i>Pentachlorophenol, its salts, esters and compounds</i> 五氯苯酚, 及其盐、酯和化合物	Several 多个
Pentachlorophenol 五氯苯酚	87-86-5
Mono- and Dichlorophenols 一氯和二氯苯酚	Several 多个
<i>Monochlorophenols, all isomers</i> 一氯苯酚, 及所有同分异构体	25167-80-0
2-Chlorophenol 2-氯苯酚	95-57-8
3-Chlorophenol 3-氯苯酚	108-43-0
4-Chlorophenol 4-氯苯酚	106-48-9
<i>Dichlorophenols, all isomers</i> 二氯苯酚, 及所有同分异构体	25167-81-1
2,3-Dichlorophenol 2,3-二氯苯酚	576-24-9
2,4-Dichlorophenol 2,4-二氯苯酚	120-83-2
2,5-Dichlorophenol 2,5-二氯苯酚	583-78-8

Chemical name 化学物质	CAS Number 化学品文摘号
2,6-Dichlorophenol 2,6-二氯苯酚	87-65-0
3,4-Dichlorophenol 3,4-二氯苯酚	95-77-2
3,5-Dichlorophenol 3,5-二氯苯酚	591-35-5
Colorants 着色剂	
Colorants with carcinogenic potential 可致癌着色剂	Several 多个
Acid Red 26 酸性红 26	3761-53-3
Leucomalachite green 隐色孔雀绿	129-73-7
Basic Red 9 碱性红 9	569-61-9
Basic Violet 14 碱性紫 14	632-99-5
Direct Black 38 直接黑 38	1937-37-7
Direct Blue 6 直接蓝 6	2602-46-2
Direct Brown 95 直接棕 95	16071-86-6
Direct Red 28 直接红 28	573-58-0
Disperse Blue 1 分散蓝 1	2475-45-8
Disperse Orange 11 分散橙 11	82-28-0
Disperse Yellow 3 分散黄 3	2832-40-8



Chemical name 化学物质	CAS Number 化学品文摘号
Pigment Yellow 34 颜料黄 34	1344-37-2
Pigment Red 104 颜料红 104	12656-85-8
Solvent Red 80 溶剂红 80	6358-53-8
Solvent Violet 8 - with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202- 959-2) 溶剂紫 8	561-41-1
Solvent Yellow 2 溶剂黄 2	60-11-7
<i>Basic Green 4 - (Malachite Green)</i> <i>碱性绿 4 (孔雀石绿)</i>	Several 多个
Malachite green 孔雀石绿	10309-95-2
Malachite green chloride 孔雀石绿盐酸物	569-64-2
Malachite green oxalate 孔雀石绿草酸盐	2437-29-8
Colorants with allergenic potential 可致敏着色剂	Several 多个
Disperse Blue 3 分散蓝 3	2475-46-9
Disperse Blue 7 分散蓝 7	3179-90-6
Disperse Blue 26 分散蓝 26	3860-63-7
Disperse Blue 102 分散蓝 102	12222-97-8
Disperse Blue 106 分散蓝 106	12223-01-7
Disperse Blue 124 分散蓝 124	61951-51-7 15141-18-1

Chemical name 化学物质	CAS Number 化学品文摘号
Disperse Brown 1 分散棕 1	23355-64-8
Disperse Orange 1 分散橙 1	2581-69-3
Disperse Orange 3 分散橙 3	730-40-5
Disperse Red 1 分散红 1	2872-52-8
Disperse Red 11 分散红 11	2872-48-2
Disperse Red 17 分散红 17	3179-89-3
Disperse Yellow 1 分散黄 1	119-15-3
Disperse Yellow 9 分散黄 9	6373-73-5
Disperse Yellow 39 分散黄 39	12236-29-2
Disperse Yellow 49 分散黄 49	54824-37-2
Solvent Yellow 14 溶剂黄 14	842-07-9
<i>Disperse Blue 35</i> <i>分散蓝 35</i>	Several 多个
Disperse Blue 35 [1] 分散蓝 35 [1]	12222-75-2
Disperse Blue 35 [2] 分散蓝 35 [2]	56524-77-7
Disperse Blue 35 B 分散蓝 35 B	56524-76-6
<i>Disperse Orange 37/59/76</i> <i>分散橙 37/59/76</i>	Several 多个

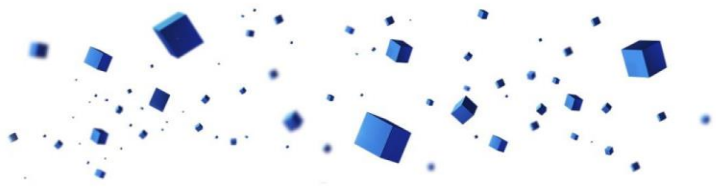
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Chemical name 化学物质	CAS Number 化学品文摘号
Disperse Orange 37/59/76 [1] 分散橙 37/59/76 [1]	12223-33-5
Disperse Orange 37/59/76 [2] 分散橙 37/59/76 [2]	13301-61-6
Disperse Orange 37/59/76 [3] 分散橙 37/59/76 [3]	51811-42-8
Colorants banned for other reasons 其他禁用着色剂	Several 多个
Acid Orange 24 酸性橙 24	1320-07-6
Acid Violet 49 酸性紫 49	1694-09-3
Basic Blue 26 - with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) 碱性蓝 26	2580-56-5
Basic Violet 1 碱性紫 1	8004-87-3
Direct Black 91 直接黑 91	6739-62-4
Direct Blue 76 直接蓝 76	16143-79-6
Direct Blue 218 直接蓝 218	28407-37-6
Direct Yellow 1 直接黄 1	6472-91-9
Disperse Yellow 23 分散黄 23	6250-23-3
Disperse Orange 149 分散橙 149	85136-74-9
Solvent Blue 4 溶剂蓝 4	6786-83-0
Basic Violet 3 碱性紫 3	Several 多个

Chemical name 化学物质	CAS Number 化学品文摘号
Basic Violet 3 [1] 碱性紫 3 [1]	548-62-9
Basic Violet 3 [2] 碱性紫 3 [2]	603-48-5
Basic Violet 3 [3] 碱性紫 3 [3]	14426-25-6
Basic Violet 3 - with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) 碱性紫 3	548-62-9
<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> <i>海军蓝</i>	Several 多个
Disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-) 藏青色: 一种混合物:(6-(4-甲氧基苯胺基)-3-磺基-2-(3,5-二硝基-2-氧苯偶氮基)-1-萘酚基)(1-(5-氯-2-氧苯偶氮基)-2-萘酚基)铬酸二钠(1-); 二(6-(4-甲氧基苯胺基)-3-磺基-2-(3,5-二硝基-2-氧苯偶氮基)-1-萘酚基)铬酸三钠	118685-33-9
Trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromat (6-(4-甲氧基苯胺基)-3-磺基-2-(3,5-二硝基-2-氧苯偶氮基)-1-萘酚基)(1-(5-氧-2-氧苯偶氮基)-2-萘酚基)铬酸二钠(1-)	
Dioxins and Furans 二噁英及呋喃	
<i>Dioxins and Furans - Group 3</i> <i>二噁英及呋喃 - 组别 3</i>	Several 多个
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin 1,2,3,4,6,7,8-七氯代二苯并对二噁英	35822-46-9



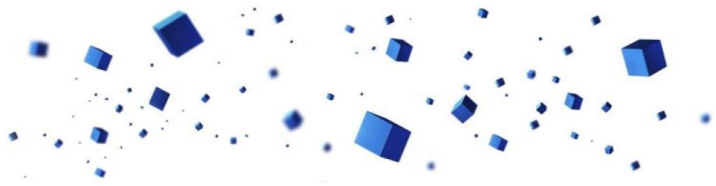
Chemical name 化学物质	CAS Number 化学品文摘号
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin 1,2,3,4,6,7,8,9-八氯代二苯并对二噁英	3268-87-9
1,2,3,4,6,7,8-Heptachlorodibenzofuran 1,2,3,4,6,7,8-七氯代二苯并呋喃	67562-39-4
1,2,3,4,7,8,9-Heptachlorodibenzofuran 1,2,3,4,7,8,9-七氯代二苯并呋喃	55673-89-7
1,2,3,4,6,7,8,9-Octachlorodibenzofuran 1,2,3,4,6,7,8,9-八氯代二苯并呋喃	39001-02-0
Dioxins and Furans - Group 1 and 2 二噁英及呋喃 - 组别 1 & 2	Several 多个
<i>Dioxins and Furans - Group 1</i> <i>二噁英及呋喃 - 组别 1</i>	Several 多个
2,3,7,8-Tetrachlorodibenzo-p-dioxin 2,3,7,8-四氯二苯并对二噁英	1746-01-6
1,2,3,7,8-Pentachlorodibenzo-p-dioxin 1,2,3,7,8-五氯二苯并对二噁英	40321-76-4
2,3,7,8-Tetrachlorodibenzofuran 2,3,7,8-四氯二苯并呋喃	51207-31-9
2,3,4,7,8-Pentachlorodibenzofuran 2,3,4,7,8-五氯二苯并呋喃	57117-31-4
<i>Dioxins and Furans - Group 2</i> <i>二噁英及呋喃 - 组别 2</i>	Several 多个
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin 1,2,3,4,7,8-六氯二苯并对二噁英	39227-28-6
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin 1,2,3,6,7,8-六氯二苯并对二噁英	57653-85-7
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin 1,2,3,7,8,9-六氯二苯并对二噁英	19408-74-3
1,2,3,7,8-Pentachlorodibenzofuran 1,2,3,7,8-五氯代二苯并呋喃	57117-41-6
1,2,3,4,7,8-Hexachlorodibenzofuran 1,2,3,4,7,8-六氯代二苯并呋喃	70648-26-9

Chemical name 化学物质	CAS Number 化学品文摘号
1,2,3,6,7,8-Hexachlorodibenzofuran 1,2,3,6,7,8-六氯代二苯并呋喃	57117-44-9
1,2,3,7,8,9-Hexachlorodibenzofuran 1,2,3,7,8,9-六氯代二苯并呋喃	72918-21-9
2,3,4,6,7,8-Hexachlorodibenzofuran 2,3,4,6,7,8-六氯代二苯并呋喃	60851-34-5
Dioxins and Furans - Group 4 and 5 二噁英及呋喃 - 组别 4 & 5	Several 多个
<i>Dioxins and Furans - Group 4</i> <i>二噁英及呋喃 - 组别 4</i>	Several 多个
2,3,7,8-Tetrabromodibenzo-p-dioxin 2,3,7,8-四溴二苯并对二噁英	50585-41-6
1,2,3,7,8-Pentabromodibenzo-p-dioxin 1,2,3,7,8-五溴二苯并对二噁英	109333-34-8
2,3,7,8-Tetrabromodibenzofuran 2,3,7,8-四溴二苯并呋喃	67733-57-7
2,3,4,7,8-Pentabromodibenzofuran 2,3,4,7,8-五溴二苯并呋喃	131166-92-2
<i>Dioxins and Furans - Group 5</i> <i>二噁英及呋喃 - 组别 5</i>	Several 多个
1,2,3,4,7,8-Hexabromodibenzo-p-dioxin 1,2,3,4,7,8-六溴二苯并对二噁英	110999-44-5
1,2,3,6,7,8-Hexabromodibenzo-p-dioxin 1,2,3,6,7,8-六溴二苯并对二噁英	110999-45-6
1,2,3,7,8,9-Hexabromodibenzo-p-dioxin 1,2,3,7,8,9-六溴二苯并对二噁英	110999-46-7
1,2,3,7,8-Pentabromodibenzofuran 1,2,3,7,8-五溴二苯并呋喃	107555-93-1
Fibers 纤维	
Asbestos 石棉	Several 多个



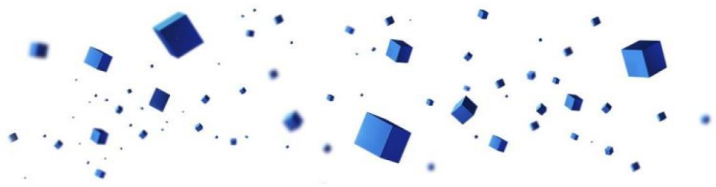
Chemical name 化学物质	CAS Number 化学品文摘号
Actinolite 阳起石	77536-66-4
Amosite 铁石棉	12172-73-5
Anthophyllite 直闪石	77536-67-5
Chrysotile 温石棉	12001-29-5 132207-32-0
Crocidolite 青石棉	12001-28-4
Tremolite 透闪石	77536-68-6
Flame retardants 阻燃剂	
Chlorinated paraffins, all chain lengths 氯化石蜡, 所有链长	Several 多个
Paraffin wax, chlorinated 氯化石蜡	63449-39-8
Paraffin, C10-C13, chlorinated - (SCCP) 短链氯化石蜡, C10-C13 (SCCP)	85535-84-8
Paraffin, C18-C28, chlorinated - (LCCP) 长链氯化石蜡, C18-C28 (LCCP)	85535-86-0
Paraffin, C14-C17, chlorinated - (MCCP) 中链氯化石蜡, C14-C17 (MCCP)	85535-85-9
Hexabromocyclododecan, all isomers - group for all major diastereoisomers identified 六溴环十二烷, 所有异构体 - 所有主要的非镜像异构体	Several 多个
Hexabromocyclododecane 六溴环十二烷	25637-99-4
1,2,5,6,9,10-Hexabromocyclododecane 1,2,5,6,9,10-六溴环十二烷	3194-55-6
α -Hexabromocyclododecane α -六溴环十二烷	134237-50-6

Chemical name 化学物质	CAS Number 化学品文摘号
β -Hexabromocyclododecane β -六溴环十二烷	134237-51-7
μ -Hexabromocyclododecane μ -六溴环十二烷	134237-52-8
Polybrominated diphenyl ethers 多溴二苯醚	Several 多个
Decabromodiphenyl ether - (DecaBDE) 十溴二苯醚 (DecaBDE)	1163-19-5
Monobromodiphenyl ether - (MonoBDE) 单溴二苯醚 (MonoBDE)	Several 多个
2-Bromodiphenyl ether 2-溴二苯醚	7025-06-1
3-Bromodiphenyl ether 3-溴二苯醚	6876-00-2
4-Bromodiphenyl ether 4-溴二苯醚	101-55-3
Tribromodiphenyl ether - (TriBDE) 三溴二苯醚 (TriBDE)	49690-94-0
Tetrabromodiphenyl ether - (TetraBDE) 四溴二苯醚 (TetraBDE)	40088-47-9
Pentabromodiphenyl ether - (PentaBDE) 五溴二苯醚 (PentaBDE)	32534-81-9
Hexabromodiphenyl ether - (HexaBDE) 六溴二苯醚 (HexaBDE)	36483-60-0
Heptabromodiphenyl ether - (HeptaBDE) 七溴二苯醚 (HeptaBDE)	68928-80-3
Octabromodiphenyl ether - (OctaBDE) 八溴二苯醚 (OctaBDE)	32536-52-0
Nonabromodiphenyl ether - (NonaBDE) 九溴二苯醚 (NonaBDE)	63936-56-1



Chemical name 化学物质	CAS Number 化学品文摘号
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)	
Perfluorooctane sulfonic acid and its derivatives 全氟辛烷磺酸及其衍生物	Several 多个
<i>Perfluorooctane sulfonic acid and its salts</i> <i>全氟辛烷磺酸及其盐</i>	Several 多个
Diethanolamine perfluorooctane sulfonate 全氟辛烷磺酸二乙醇胺	70225-14-8
Ammonium perfluorooctane sulfonate 全氟辛烷磺酸铵	29081-56-9
Lithium perfluorooctane sulfonate 全氟辛烷磺酸锂	29457-72-5
Perfluorooctane sulfonic acid 全氟辛烷磺酸	1763-23-1
Perfluorooctane sulfonate 全氟辛烷磺酸盐	45298-90-6
Potassium heptadecafluoro-octane-1-sulphonate 全氟辛基磺酸钾	2795-39-3
<i>Perfluorooctane sulfon amides</i> <i>全氟辛烷磺酰胺</i>	Several 多个
Perfluorooctane sulfonamide 全氟辛烷磺酰胺	754-91-6
Heptadecafluoro-N-methyloctane sulfonamide 全氟-N-甲基辛烷磺酰胺	31506-32-8
<i>Perfluorooctane sulfon amidoethanols</i> <i>全氟辛烷磺酰胺乙醇</i>	Several 多个
Heptadecafluoro-N-methyloctane sulfonamideoethanol 全氟-N-甲基辛烷磺酰胺乙醇	24448-09-7
1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- 辛基磺胺, N-乙基1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-	4151-50-2

Chemical name 化学物质	CAS Number 化学品文摘号
1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)- 辛基磺胺, N-乙基1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-N-(2-羟基乙基)	1691-99-2
<i>Perfluorooctane sulfon amidoethyl (meth)acrylates</i> <i>全氟辛烷磺乙酰胺基(甲基)丙烯酸酯</i>	Several 多个
<i>Perfluorooctane sulfon halides</i> <i>全氟辛烷磺化卤化物</i>	Several 多个
1-Octanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- 辛基磺酰氟, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-	307-35-7
<i>Perfluorooctane sulfon polymers</i> <i>全氟辛烷磺化聚合物</i>	Several 多个
Perfluorohexanoic acid and its salts 全氟己酸和其盐	Several 多个
Perfluorohexanoic acid - (PFHxA) 全氟己酸 (PFHxA)	307-24-4
Perfluoroheptanoic acid and its salts 全氟庚酸和其盐	Several 多个
Perfluoroheptanoic acid 全氟庚酸	375-85-9
Potassium perfluoroheptanoate 全氟庚酸钾	21049-36-5
Perfluorooctanoic acid and its salts 全氟辛酸及其盐	Several 多个
Perfluorooctanoic acid - (PFOA) 全氟辛酸 (PFOA)	335-67-1
Ammonium pentadecafluoro octanoate 全氟辛酸铵	3825-26-1



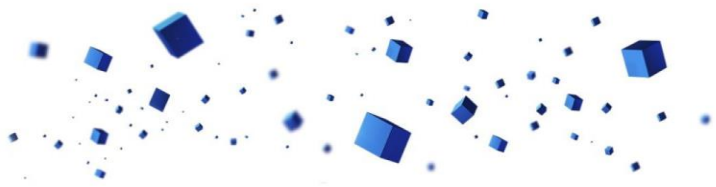
Chemical name 化学物质	CAS Number 化学品文摘号
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, sodium salt (1:1) 辛酸, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十五氟钠盐 (1:1)	335-95-5
Potassium perfluorooctanoate 全氟辛酸钾	2395-00-8
Perfluorooctanoic acid related substances 全氟辛酸相关物质	Several 多个
Methyl perfluorooctanoate 十五氟辛酸甲酯	376-27-2
Ethyl perfluorooctanoate 全氟辛酸乙酯	3108-24-5
Perfluorooctylethyl alcohols 全氟辛基乙醇类	Several 多个
8:2 Fluorotelomer alcohols (8:2 FTOH) 8:2 含氟调聚醇 (8:2 FTOH)	678-39-7
Perfluorooctylethyl olefins 全氟辛基乙烯烯	Several 多个
Perfluorooctylethene 全氟己基乙烯	21652-58-4
Perfluorooctylethyl halides 全氟辛基乙基卤化物	Several 多个
Heptadecafluoro-1-iodooctane 十七氟-1-碘辛烷	507-63-1
1H,1H,2H,2H-Perfluorodecyl iodide 1H,1H,2H,2H-全氟癸醇碘癸烷	2043-53-0
Pentadecafluorooctyl fluoride 全氟辛氟	335-66-0
Perfluorooctylethyl acrylate or methacrylate 全氟辛醇(甲基)丙烯酸酯	Several 多个
Perfluorooctylethyl polymers 全氟辛基乙基聚合物	Several 多个

Chemical name 化学物质	CAS Number 化学品文摘号
Perfluorocarboxylic acid (C9-C14) related substances 全氟羧酸和相关物质	Several 多个
Perfluorodecanoic acid related substances 全氟癸酸和相关物质	Several 多个
10:2 Fluorotelomer alcohol - (10:2 FTOH) 10:2 含氟调聚醇 (10:2 FTOH)	865-86-1
Halogenated Diarylalkanes 卤化代双环烷类	
Monomethyl-dibromo-diphenyl methane 单甲基-二溴-二苯基甲烷	99688-47-8
Monomethyl-dichloro-diphenyl methane 单甲基-二氯-二苯基甲烷	81161-70-8
Monomethyl-tetrachloro-diphenyl methane 单甲基-四氟-二苯基甲烷	76253-60-6
Isocyanates 异氰酸酯	
1,3-Bis(isocyanatomethyl)benzene 间苯二甲基异氰酸酯	3634-83-1
Hexamethylene-di-isocyanate 二环己基甲烷二异氰酸酯	822-06-0
Isophorone-di-isocyanate 异佛尔酮二异氰酸酯	4098-71-9
Tetramethylxylene-di-isocyanate 四甲基二甲苯二异氰酸酯	2778-42-9
2,4,6-Trimethyl-1,3-phenylene diisocyanate 2,4,6-三甲基-1,3-苯二异氰酸酯	16959-10-7
Diphenylmethane-di-isocyanates 二苯基甲烷二异氰酸酯	Several 多个
Diphenylmethane-4,4-di-isocyanate 二苯基甲烷-4,4-二异氰酸酯	101-68-8
Diphenylmethane-2,2-di-isocyanate 二苯基甲烷-2,2-二异氰酸酯	2536-05-2



Chemical name 化学物质	CAS Number 化学品文摘号
Diphenylmethane-2,4-di-isocyanate 二苯基甲烷-2,4-二异氰酸酯	5873-54-1
Methylenediphenyl diisocyanate - mixed isomers MDI混合同分异构体	26447-40-5
Toluene-di-isocyanates 甲苯二异氰酸酯	Several 多个
Toluene-2,4-di-isocyanate 甲苯-2,4-二异氰酸酯	584-84-9
Toluene-2,6-di-isocyanate 甲苯-2,6-二异氰酸酯	91-08-7
Ozone Depleting Substances (according to Regulation (EC) No 1005/2009) 臭氧消耗物质 (根据法规 (EC) No. 1005/2009)	
Ozone depleting substances (CFCs) class I 臭氧消耗物质 (CFCs) 第I类	Several 多个
Trichlorofluoromethane - (CFC-11) 一氟三氯甲烷 (CFC-11)	75-69-4
Dichlorodifluoromethane - (CFC-12) 二氟二氯甲烷 (CFC-12)	75-71-8
1,1,2-Trichloro-1,2,2-trifluoroethane - (CFC-113) 1,1,2-三氯-1,2,2-三氟乙烷 (CFC-113)	76-13-1
1,1,1-Trichloro-2,2,2-trifluoroethane - (CFC-113a) 1,1,1-三氯-2,2,2-三氟乙烷 (CFC-113a)	354-58-5
1,2-Dichloro-1,1,2,2-tetrafluoroethane - (CFC-114) 二氯-1,1,2,2-四氟乙烷 (CFC-114)	76-14-2
1,1-Dichloro-1,2,2,2-tetrafluoroethane - (CFC-114a) 1,1-二氯-1,2,2,2-四氟乙烷 (CFC-114a)	374-07-2
Monochloropentafluoroethane - (CFC-115) 一氟五氟乙烷 (CFC-115)	76-15-3
Bromochlorodifluoromethane - (Halon-1211) 二氟一氯一溴甲烷 (哈龙-1211)	353-59-3
Bromotrifluoromethane - (Halon-1301) 三氟一溴甲烷 (哈龙-1301)	75-63-8

Chemical name 化学物质	CAS Number 化学品文摘号
Dibromotetrafluoroethane - (Halon-2402) 二溴四氟乙烷 (哈龙-2402)	124-73-2
Chlorotrifluoromethane - (CFC-13) 三氟一氯甲烷 (CFC-13)	75-72-9
Pentachlorofluoroethane - (CFC-111) 氟五氯乙烷 (CFC-111)	354-56-3
1,1,2,2-Tetrachloro-1,2-difluoroethane - (CFC-112) 1,1,2,2-四氯-1,2-二氟乙烷 (CFC-112)	76-12-0
1,1,1,2-Tetrachlorodifluoroethane - (CFC-112a) 1,1,1,2-四氯二氟乙烷 (CFC-112a)	76-11-9
Heptachlorofluoropropane - (CFC-211) 氟七氯丙烷 (CFC-211)	422-78-6
Hexachlorodifluoropropane - (CFC-212) 二氟六氯丙烷 (CFC-212)	3182-26-1
Pentachlorotrifluoropropane - (CFC-213) 三氟五氯丙烷 (CFC-213)	2354-06-5
Tetrachlorotetrafluoropropane - (CFC-214) 四氟四氯丙烷 (CFC-214)	29255-31-0
1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane - (CFC-214) 1,1,1,3-四氯四氟-2,2,3,3-丙烷 (CFC-214)	2268-46-4
1,1,3-Trichloropentafluoropropane 1,1,3-三氯五氟丙烷	76-17-5
1,2,3-Trichloropentafluoropropane - (CFC-215) 1,2,3-三氯五氟丙烷 (CFC-215)	1652-81-9
1,1,1-Trichloropentafluoropropane 1,1,1-三氯五氟丙烷	4259-43-2
1,2,2-Trichloropentafluoropropane 1,2,2-三氯五氟丙烷	1599-41-3
Dichlorohexafluoropropane - (CFC-216) 二氯六氟丙烷 (CFC-216)	661-97-2
1,3-dichloro-1,1,2,2,3,3-hexafluoropropane - (CFC-216ca) 1,3-二氯-1,1,2,2,3,3-六氟丙烷 (CFC-216ca)	662-01-1



Chemical name 化学物质	CAS Number 化学品文摘号
Monochloroheptafluoropropane - (CFC-217) 一氯七氟丙烷(CFC-217)	422-86-6
2-Chloro-1,1,1,2,3,3,3-heptafluoropropane - (CFC-217ba) 2-氯-1,1,1,2,3,3,3-七氟丙烷 (CFC-217ba)	76-18-6
Carbon tetrachloride - (CTC) 四氯化碳 (CTC)	56-23-5
Methyl bromide 溴甲烷	74-83-9
Dibromofluoromethane - (HBFC-21 B2) 二溴氟甲烷 (HBFC-21 B2)	1868-53-7
Bromodifluoromethane - (HBFC-22 B1) 溴二氟甲烷 (HBFC-22 B1)	1511-62-2
Bromofluoromethane - (HBFC-31 B1) 溴氟甲烷 (HBFC-31 B1)	373-52-4
Tetrabromofluoroethane - (HBFC-121 B4) 四溴一氟乙烷 (HBFC-121 B4)	353-93-5
Tribromodifluoroethane - (HBFC-122 B3) 三溴二氟乙烷 (HBFC-122 B3)	353-97-9
1,2-Dibromo-1,1,2-trifluoroethane - (HBFC-123 B2 / Halon 2302) 二溴三氟乙烷 (HBFC-123 B2/哈龙 2302)	354-04-1
Bromotetrafluoroethane - (HBFC-124 B1) 一溴四氟乙烷 (HBFC-124 B1)	354-07-4
Tribromofluoroethane - (HBFC-131 B3) 三溴氟乙烷 (HBFC-131 B3)	172912-75-3
1,2-Dibromo-1,1-difluoroethane - (HBFC-132 B2) 二溴二氟乙烷 (HBFC-132 B2)	75-82-1
Bromotrifluoroethane - (HBFC-133 B1) 溴三氟乙烷 (HBFC-133 B1)	
1-Bromo-2,2,2-trifluoroethane - (HBFC-133a B1) 溴三氟乙烷 (HBFC-133a B1)	421-06-7
1,2-Dibromofluoroethane - (HBFC-141 B2) 二溴氟乙烷 (HBFC-141 B2)	358-97-4
2-Bromo-1-1-difluoroethane - (HBFC-142 B1) 一溴二氟乙烷 (HBFC-142 B1)	359-07-9

Chemical name 化学物质	CAS Number 化学品文摘号
1-Bromo-2-fluoroethane - (HBFC-151 B1) 一溴一氟乙烷 (HBFC-151 B1)	762-49-2
Hexabromofluoropropane - (HBFC-221 B6) 六溴氟丙烷 (HBFC-221 B6)	
Pentabromodifluoropropane - (HBFC-222 B5) 五溴二氟丙烷 (HBFC-222 B5)	
Tetrabromotrifluoropropane - (HBFC-223 B4) 四溴三氟丙烷 (HBFC-223 B4)	
Tribromotetrafluoropropane - (HBFC-224 B3) 三溴四氟丙烷 (HBFC-224 B3)	666-48-8
Dibromopentafluoropropane - (HBFC-225 B2) 二溴五氟丙烷 (HBFC-225 B2)	431-78-7
Bromohexafluoropropane - (HBFC-226 B1) 一溴六氟丙烷 (HBFC-226 B1)	2252-79-1
Pentabromofluoropropane - (HBFC-231 B5) 五溴氟丙烷 (HBFC-231 B5)	
Tetrabromodifluoropropane - (HBFC-232 B4) 四溴二氟丙烷 (HBFC-232 B4)	148875-98-3
Tribromotrifluoropropane - (HBFC-233 B3) 三溴三氟丙烷 (HBFC-233 B3)	431-48-1
Dibromotetrafluoropropane - (HBFC-234 B2) 二溴四氟丙烷 (HBFC-234 B2)	460-86-6
Bromopentafluoropropane - (HBFC-235 B1) 一溴五氟丙烷 (HBFC-235 B1)	460-88-8
Tetrabromofluoropropane - (HBFC-241 B4) 四溴氟丙烷 (HBFC-241 B4)	
Tribromodifluoropropane - (HBFC-242 B3) 三溴二氟丙烷 (HBFC-242 B3)	666-25-1
Dibromotrifluoropropane - (HBFC-243 B2) 二溴三氟丙烷 (HBFC-243 B2)	460-60-6
Bromotetrafluoropropane - (HBFC-244 B1) 一溴四氟丙烷 (HBFC-244 B1)	460-67-3
Tribromofluoropropane - (HBFC-251 B1) 三溴一氟丙烷 (HBFC-251 B1)	75372-14-4

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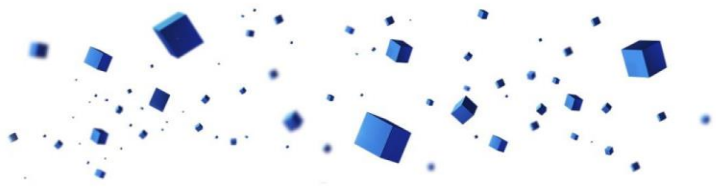
Chemical name 化学物质	CAS Number 化学品文摘号
Dibromodifluoropropane - (HBFC-252 B2) 二溴二氟丙烷-HBFC-252 B2)	51584-25-9
3-Bromo-1,1,1-trifluoropropane - (HBFC-253 B1) 一溴三氟丙烷 (HBFC-253 B1)	460-32-2
1,2-Dibromo-3-fluoropropane - (HBFC-261 B2) 二溴一氟丙烷 (HBFC-261 B2)	453-00-9
Monobromodifluoropropane - (HBFC-262 B1) 一溴二氟丙烷 (HBFC-262 B1)	461-49-4
1-Bromo-2-fluoropropane - (HBFC-271 B1) 一溴一氟丙烷 (HBFC-271 B1)	1871-72-3
Chlorobromomethane - (BCM / Halon-1011) 氯溴甲烷 (BCM/哈龙-1011)	74-97-5
Ozone depleting substances (CFCs) class II 臭氧消耗物质 (CFCs) 第II类	Several 多个
1-Bromopropane - (HBC 280 B1 / n-PB) 1-溴丙烷 (HBC 280 B1 / n-PB)	106-94-5
Bromoethane - (HBC 160 B1 / EtBr) 溴乙烷 (HBC 160 B1 / EtBr)	74-96-4
Trifluoriodomethane - (FIC 013 I1 / TFIM) 三氟碘甲烷 (FIC 013 I1 / TFIM)	2314-97-8
Methyl chloride - (HCC 040 / MC) 氯甲烷 (HCC 040 / MC)	74-87-3
Dichlorofluoromethane - (HCFC-21) 一氟二氯甲烷 (HCFC-21)	75-43-4
Monochlorodifluoromethane - (HCFC-22) 二氟一氯甲烷 (HCFC-22)	75-45-6
Monochlorofluoromethane - (HCFC-31) 一氟一氯甲烷 (HCFC-31)	593-70-4
1,1,2,2-Tetrachloro-1-fluoroethane - (HCFC-121) 1,1,2,2-四氯-1-氟乙烷 (HCFC-121)	354-14-3
1,1,1,2-Tetrachloro-2-fluoroethane - (HCFC-121a) 1,1,1,2-四氯-2-氟乙烷 (HCFC-121a)	354-11-0

Chemical name 化学物质	CAS Number 化学品文摘号
Trichlorodifluoroethane - (HCFC-122) 二氟三氯乙烷 (HCFC-122)	354-21-2
Dichlorotrifluoroethane - (HCFC-123) 三氟二氯乙烷 (HCFC-123)	306-83-2
1,2-Dichloro-1,1,2-trifluoroethane - (HCFC-123a) 1,2-二氯-1,1,2-三氟乙烷 (HCFC-123a)	354-23-4
Monochlorotetrafluoroethane - (HCFC-124) 四氟一氯乙烷 (HCFC-124)	2837-89-0
1-Chloro-1,1,2,2-tetrafluoroethane - (HCFC-124a) 1-氯-1,1,2,2-四氟乙烷 (HCFC-124a)	354-25-6
Trichlorofluoroethane - (HCFC-131) 一氟三氯乙烷 (HCFC-131)	359-28-4
1,2-Dichloro-1,2-difluoroethane - (HCFC-132) 1,2-二氯-1,2-二氟乙烷 (HCFC-132)	431-06-1
1,2-Dichloro-1,1-difluoroethane - (HCFC-132b) 1,2-二氯-1,1-二氟乙烷 (HCFC-132b)	1649-08-7
Monochlorotrifluoroethane - (HCFC-133) 一氯三氟乙烷 (HCFC-133)	1330-45-6
2-Chloro-1,1,1-trifluoroethane - (HCFC-133a) 三氟一氯乙烷 (HCFC-133a)	75-88-7
1,2-Dichloro-1-fluoroethane - (HCFC-141) 1,2-二氯-1-氟乙烷 (HCFC-141)	430-57-9
Dichlorofluoroethane - (HCFC-141b) 一氟二氯乙烷 (HCFC-141b)	1717-00-6
Chlorodifluoroethane - (HCFC-142) 一氯二氟乙烷 (HCFC-142)	
Monochlorodifluoroethane - (HCFC-142b) 二氟一氯乙烷 (HCFC-142b)	75-68-3
Chlorofluoroethane - (HCFC-151) 氯氟乙烷 (HCFC-151)	
1-Chloro-1-fluoroethane - (HCFC-151a) 1-氯-1-氟乙烷 (HCFC-151a)	1615-75-4



Chemical name 化学物质	CAS Number 化学品文摘号
Hexachlorofluoropropane - (HCFC-221) 六氟氯丙烷 (HCFC-221)	29470-94-8
Pentachlorodifluoropropane - (HCFC-222) 五氟二氟丙烷 (HCFC-222)	134237-36-8
1,1,1,3,3-Pentachloro-2,2-difluoropropane - (HCFC-222c) 1,1,1,3,3-五氟-2,2-二氟丙烷 (HCFC-222c)	422-49-1
Tetrachlorotrifluoropropane - (HCFC-223) 四氟三氟丙烷 (HCFC-223)	29470-95-9
1,1,3,3-Tetrachloro-1,2,2-trifluoropropane - (HCFC-223ca) 1,1,3,3-四氟-1,2,2-三氟丙烷 (HCFC-223ca)	422-52-6
Trichlorotetrafluoropropane - (HCFC-224) 三氟四氟丙烷 (HCFC-224)	127564-91-4
1,3,3-Trichloro-1,1,2,2-tetrafluoropropane - (HCFC-224ca) 1,3,3-三氟-1,1,2,2-四氟丙烷 (HCFC-224ca)	422-54-8
Dichloropentafluoropropane - (HCFC-225) 二氟五氟丙烷 (HCFC-225)	
Dichloropentafluoropropane - (HCFC-225ca) 二氟五氟丙烷 (HCFC-225ca)	422-56-0
Dichloropentafluoropropane - (HCFC-225cb) 二氟五氟丙烷 (HCFC-225cb)	507-55-1
Chloro-1,1,2,2,3,3-hexafluoropropane - (HCFC-226cb) 氯-1,1,2,2,3,3-六氟丙烷 (HCFC-226cb)	422-55-9
Monochlorohexafluoropropane - (HCFC-226) 一氟六氟丙烷 (HCFC-226)	28987-04-4
2-Chloro-1,1,1,3,3,3-hexafluoropropane - (HCFC-226da) 2-氯-1,1,1,3,3,3-六氟丙烷 (HCFC-226da)	431-87-8
Pentachlorofluoropropane - (HCFC-231) 一氟五氯丙烷 (HCFC-231)	421-94-3
1,1,3,3-Tetrachloro-2,2-difluoropropane - (HCFC-232ca) 1,1,3,3-四氟-2,2-二氟丙烷 (HCFC-232ca)	1112-14-7
1,1,3-Trichloro-1,2,2-trifluoropropane - (HCFC-233cb) 1,1,3-三氟-1,2,2-三氟丙烷 (HCFC-233cb)	421-99-8

Chemical name 化学物质	CAS Number 化学品文摘号
Tetrachlorodifluoropropane - (HCFC-232) 二氟四氯丙烷 (HCFC-232)	460-89-9
Trichlorotrifluoropropane - (HCFC-233) 三氟三氯丙烷 (HCFC-233)	7125-84-0
Dichlorotetrafluoropropane - (HCFC-234) 二氯四氟丙烷 (HCFC-234)	127564-83-4
1-Chloro-1,2,2,3,3-pentafluoropropane - (HCFC-235ca) 1-氯-1,2,2,3,3-五氟丙烷 (HCFC-235ca)	679-99-2
Monochloropentafluoropropane - (HCFC-235) 五氟一氯丙烷 (HCFC-235)	460-92-4
Tetrachlorofluoropropane - (HCFC-241) 四氟氯丙烷 (HCFC-241)	134190-49-1
Trichlorodifluoropropane - (HCFC-242) 三氟二氟丙烷 (HCFC-242)	127564-90-3
Dichlorotrifluoropropane - (HCFC-243) 二氟三氟丙烷 (HCFC-243)	116890-51-8
Monochlorotetrafluoropropane - (HCFC-244) 四氟一氯丙烷 (HCFC-244)	134190-50-4
Trichloromonofluoropropane - (HCFC-251) 三氟一氟丙烷 (HCFC-251)	134190-51-5
Dichlorodifluoropropane - (HCFC-252) 二氟二氟丙烷 (HCFC-252)	134190-52-6
Monochlorotrifluoropropane - (HCFC-253) 一氟三氟丙烷 (HCFC-253)	134237-44-8 26588-23-8
3-Chloro-1,1,1-trifluoropropane - (HCFC-253fb) 3-氯-1,1,1-三氟丙烷 (HCFC-253fb)	460-35-5
Dichlorofluoropropane - (HCFC-261) 一氟二氯丙烷 (HCFC-261)	420-97-3
1-Chloro-2,2-difluoropropane - (HCFC-262ca) 1-氯-2,2-二氟丙烷 (HCFC-262ca)	420-99-5
2-Chloro-2-fluoropropane - (HCFC-271b) 2-氯-2-氟丙烷 (HCFC-271b)	420-44-0



Chemical name 化学物质	CAS Number 化学品文摘号
Monochlorodifluoropropane - (HCFC-262) 二氟一氯丙烷 (HCFC-262)	421-02-3
Monochlorofluoropropane - (HCFC-271) 一氟一氯丙烷 (HCFC-271)	430-55-7
Pesticides 杀虫剂	
Aldrin 艾氏剂	309-00-2
Azinphos methyl 甲基谷硫磷(保棉磷)	86-50-0
Azinphos-ethyl 乙基谷硫磷(益棉磷)	2642-71-9
Bromophos-ethyl 乙基溴硫磷	4824-78-6
Captafol 敌菌丹	2425-06-1
Carbaryl 胺甲萘	63-25-2
Chlordane 氯丹	57-74-9
Chlordecone 十氯酮	143-50-0
Chlordimeform 克死螨	6164-98-3
Chlorfenvinphos 毒虫畏	470-90-6
Chlorobenzilate 克氯苯	510-15-6
Clothianidin 噻虫胺	210880-92-5
Coumaphos 蝇毒磷	56-72-4

Chemical name 化学物质	CAS Number 化学品文摘号
Cyfluthrin 氟氰菊酯	68359-37-5 1820573-27-0
Cyhalothrin, lambda 三氟氯菊酯	91465-08-6
Cypermethrin 氯氰菊酯	52315-07-8
Deltamethrin 溴氰菊酯	52918-63-5
Diazinon 二嗪农	333-41-5
o,p'-Dichlorodiphenyl-dichloroethane 米托坦;1-(2-氯苯基)-1-(4-氯苯基)-2,2-二氯乙烷	53-19-0
p,p'-Dichlorodiphenyldichloroethane 2,2-双(对氯苯基)-1,1-二氯乙烷	72-54-8
o,p'-Dichlorodiphenyl-dichloroethylene 3-邻氯苯基-2-对氯苯基-1,1-二氯乙烯	3424-82-6
p,p'-Dichlorodiphenyl-dichloroethylene 2,2-双(4-氯苯基)-1,1-二氯乙烯	72-55-9
o,p'-Dichlorodiphenyl-trichloroethane and its isomers - preparations containing DDT and its isomers 2-邻氯苯基-2-对氯苯基-1,1,1-三氯乙烷及其同分异构体;制备时含有DDT及其同分异构体	789-02-6
p,p'-Dichlorodiphenyl-trichloroethane and its isomers - preparations containing DDT and its isomers 1,1-双(4-氯苯基)2,2,2-三氯乙烷及其同分异构体;制备时含DDT及其同分异构体	50-29-3
Dichlorprop 滴丙酸	120-36-5
Dicrotophos 百治磷	141-66-2
Dieldrin 狄氏剂	60-57-1



Chemical name 化学物质	CAS Number 化学品文摘号
Dimethoate 乐果	60-51-5
Dinotefuran 呋虫胺	165252-70-0
Endosulfan, alpha α-硫丹	959-98-8
Endosulfan, beta β-硫丹	33213-65-9
Endrin 异狄氏剂	72-20-8
Esfenvalerate 高氟戊菊酯类	66230-04-4
Ethyl parathion 乙基对硫磷	56-38-2
Fenvalerate 氟戊菊酯类	51630-58-1
Heptachlor 七氯	76-44-8
Heptachlor epoxide 环氧七氯	1024-57-3
Imidacloprid (ISO) 吡虫啉	138261-41-3 105827-78-9
Isodrin 异艾氏剂	465-73-6
Kelevan 克来范	4234-79-1
Malathion 马拉松(有机磷杀虫剂)	121-75-5
MCPA 2-甲-4-苯氧基乙酸	94-74-6
MCPB 氯丁酸	94-81-5

Chemical name 化学物质	CAS Number 化学品文摘号
Mecoprop 丙酸	93-65-2
Methamidophos 甲胺磷	10265-92-6
Methoxychlor 甲氧滴滴涕	72-43-5
Methyl parathion 甲基对硫磷	298-00-0
Mevinophos 速灭磷	7786-34-7
Mirex 灭蚁灵	2385-85-5
Monocrotophos 久效磷	6923-22-4
Perthane 乙滴滴	72-56-0
Phosphamidon 磷胺	13171-21-6
Profenophos 丙溴磷	41198-08-7
Propetamphos 胺丙畏	31218-83-4
Quinalphos 喹硫磷	13593-03-8
Strobane 毒杀芬	8001-50-1
Telodrin 碳氯灵	297-78-9
Thiacloprid 噻虫啉	111988-49-9
Thiamethoxam 噻虫嗪	153719-23-4



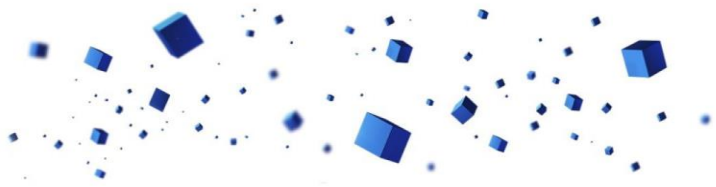
Chemical name 化学物质	CAS Number 化学品文摘号
Toxaphene 八氯萜烯	8001-35-2
Tribufos (DEF) 脱叶磷	78-48-8
Trifluralin - containing < 0.5 ppm NPDA 氟乐灵 - 含有< 0.5 ppm NPDA	1582-09-8
Acetamiprid, its salts, esters and compounds 啉虫脒, 及其盐、酯类和化合物	Several 多个
Acetamiprid (ISO) 啉虫脒 (ISO)	135410-20-7
Acetamiprid [2] 啉虫脒 [2]	160430-64-8
2,4-Dichlorophenoxyacetic acid, its salts, esters and compounds 2,4-二氯苯氧基乙酸, 及其盐、酯类和化合物	Several 多个
2,4-Dichlorophenoxy acetic acid 2,4-二氯苯氧基乙酸	94-75-7
Dinoseb, its salts, esters and acetate 地乐酚, 及其盐、酯类和醋酸酯类	Several 多个
Dinoseb 地乐酚	88-85-7
Hexachlorocyclohexane, all isomers 六氯环己烷及所有同分异构体	608-73-1
Lindane (ISO) 林丹	58-89-9
Nitenpyram, its salts, esters and compounds 烯啉虫胺, 其盐、酯类及化合物	Several 多个
Nitenpyram [1] 烯啉虫胺	150824-47-8
Nitenpyram [2] 烯啉虫胺	120738-89-8
2,4,5-Trichlorophenoxyacetic acid, its salts, esters and compounds 2,4,5-三氯苯氧基乙酸, 及其盐和化合物	Several 多个

Chemical name 化学物质	CAS Number 化学品文摘号
2,4,5-Trichlorophenoxy acetic acid 2,4,5-三氯苯氧基乙酸	93-76-5
Plasticizers 塑化剂	
Phthalic acid esters 邻苯二甲酸酯	Several 多个
Bis-(2-methoxyethyl) phthalate - (DMEP) 邻苯二甲酸二甲氧乙酯 (DMEP)	117-82-8
Butylbenzyl phthalate - (BBP) 邻苯二甲酸丁苄酯 (BBP)	85-68-7
Dimethyl phthalate - (DMP) 邻苯二甲酸二甲酯 (DMP)	131-11-3
Diethyl phthalate - (DEP) 邻苯二甲酸二乙酯 (DEP)	84-66-2
Di-n-propyl phthalate - (DPRP) 邻苯二甲酸二丙酯 (DPRP)	131-16-8
Dibutyl phthalate - (DBP) 邻苯二甲酸二丁酯 (DBP)	84-74-2
Di-iso-butyl phthalate - (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	84-69-5
Di-n-pentyl phthalate - (DnPP) 邻苯二甲酸二戊酯 (DnPP)	131-18-0
Di-iso-pentyl phthalate - (DIPP) 邻苯二甲酸二异戊酯 (DIPP)	605-50-5
n-Pentyl-isopentyl phthalate 正戊基异戊基邻苯二甲酸酯	776297-69-9
Di-n-hexyl phthalate - (DnHP) 邻苯二甲酸二己酯 (DnHP)	84-75-3
Di-cyclohexyl phthalate - (DCHP) 邻苯二甲酸二环己酯 (DCHP)	84-61-7
Di-iso-hexyl phthalate - (DIHxP) 邻苯二甲酸二异己酯 (DIHxP)	71850-09-4



Chemical name 化学物质	CAS Number 化学品文摘号
Di-n-octyl phthalate - (DnOP) 邻苯二甲酸二辛酯 (DnOP)	117-84-0
Di-iso-octyl phthalate - (DIOP) 邻苯二甲酸二异辛酯 (DIOP)	27554-26-3
Diethylhexyl phthalate - (DEHP) 邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7
Dinonyl phthalate - (DNP) 邻苯二甲酸二壬酯 (DNP)	84-76-4
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich 邻苯二甲酸二(C6-8支链)烷基酯, 富C7	71888-89-6
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters 邻苯二甲酸苄(C7-9支链与直链)烷基酯	68515-40-2
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters 邻苯二甲酸苄(C7-9支链与直链)烷基酯	68515-42-4
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 邻苯二甲酸戊基异戊酯, 支链与直链	84777-06-0
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 邻苯二甲酸戊基异己酯, 支链与直链	68515-50-4

Chemical name 化学物质	CAS Number 化学品文摘号
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters 邻苯二甲酸二(C6-10)烷基酯或混葵基, 己基, 辛基酯	Several 多个
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters 邻苯二甲酸二(C6-10)烷基酯	68515-51-5
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters 邻苯二甲酸混(葵基, 己基, 辛基)酯	68648-93-1
Di-iso-nonyl phthalate - (DINP) 邻苯二甲酸二异壬酯 (DINP)	Several 多个
Di-iso-nonyl phthalate - iso & n-Butene based 邻苯二甲酸二异壬酯	68515-48-0
Di-iso-decyl phthalate - (DIDP) 邻苯二甲酸二异癸酯 (DIDP)	Several 多个
Di-iso-decyl phthalate [1] 邻苯二甲酸二异癸酯 [1]	26761-40-0
Di-iso-decyl phthalate [2] 邻苯二甲酸二异癸酯 [2]	68515-49-1



Chemical name 化学物质	CAS Number 化学品文摘号
Polyaromatic hydrocarbons (PAHs) 多环芳香烃	
Dibenzo[def,p]chrysene 二苯并[def,p]蒽	191-30-0
Acenaphthene 芴	83-32-9
Acenaphthylene 芴烯	208-96-8
Anthracene 蒽	120-12-7
Benzo[rst]pentaphene 苯并[rst]戊芬	189-55-9
Benzo(ghi)perylene 苯并(g,h,i)芘	191-24-2
Cyclopenta[c,d]pyrene 环戊[cd]芘	27208-37-3
Dibenzo[b,def]chrysene 二苯并[b,def]蒽	189-64-0
Fluoranthene 1,2-苯并芴	206-44-0
Fluorene 芴	86-73-7
Indeno(1,2,3-cd) pyrene 茚并(1,2,3-cd)芘	193-39-5
Naphthalene 萘	91-20-3
Naphtho[1,2,3,4-def]chrysene 萘[1,2,3,4-def]蒽	192-65-4
Phenanthrene 菲	85-01-8

Chemical name 化学物质	CAS Number 化学品文摘号
Pyrene 芘	129-00-0
Methylpyrene, 1- 1-甲基芘	2381-21-7