

bluesign® system black limits 黑色评级限值 (BSBL)

Threshold limit values for chemical substances in chemical products

化学品中受控物质阈值

6.0 版 | 2024 年 7 月 1 日



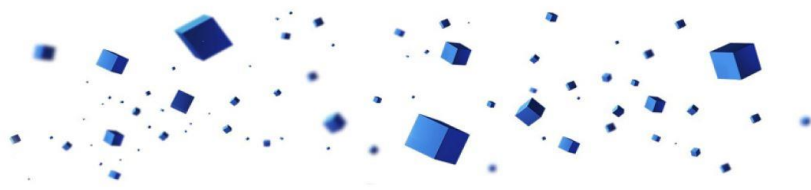
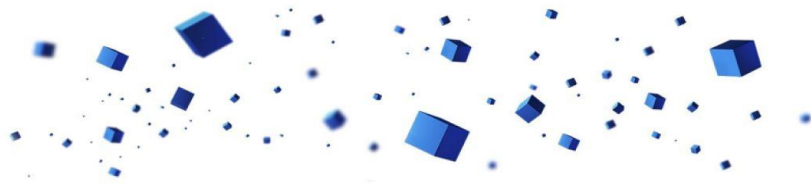
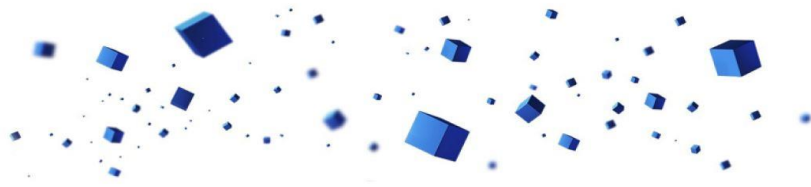


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1 Introduction 前言

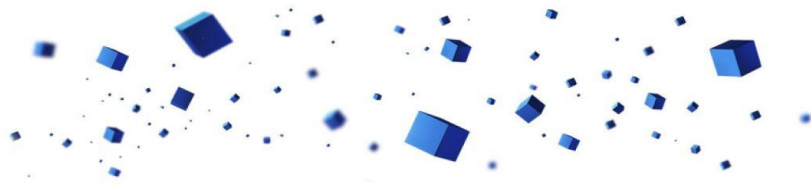
The document bluesign® system black limits (BSBL) specifies threshold limits for chemical substances in finished chemical products such as auxiliaries or dyes. It includes mainly all substances from the publicly available bluesign® system substances list (BSSL) for which a usage ban is defined. These could, for instance, be substances with carcinogenic, mutagenic or reprotoxic properties, or those falling under the POPs Regulation (The European Commission Regulation on persistent organic pollutants). One substantial example of these substances are monomers such as acrylamide or acrylonitrile. All of them might be present in polymers and must be controlled by bluesign® SYSTEM PARTNERS from the chemical industry.

Whereas the bluesign® TOOL includes, apart from the BSBL substances, also many other substances with limits in mixtures (e.g. dyes or auxiliaries) that depend on the relevant application situation and exposure scenario, the BSBL limits illustrate the minimum threshold limits independent from any type of application and strictly follow the precautionary hazard-based approach.

The BSBL threshold limits are to be seen as a minimum requirement, as a gate keeper for undesirable substances following a hazard-based approach. In addition, the bluesign® TOOL calculates individual substance concentrations on article level considering process and application conditions and compares them to the BSSL limits. To comply with BSSL limits, substance concentrations that are even more stringent than the BSBL threshold limits may need to be assured in the chemical product.

All chemicals registered in the bluesign® FINDER, a positive list of commercially available chemical products that passed the bluesign® CHEMICAL ASSESSMENT comply with the BSBL limits. Data on all bluesign® FINDER registered chemicals are provided by bluesign® SYSTEM PARTNERS from the chemical industry which all follow a Responsible Care approach with excellent knowledge on product stewardship and have outstanding environmental and occupational health and safety performance. Only by these means can a well-founded assessment of the respective chemical products be performed. Further, limits for substances in chemical products (included in the BSBL) as well as in articles (included in the BSSL) can be derived.

Through bluesign® CHEMICAL ASSESSMENT and CHEMICALS MANAGEMENT, of which the BSBL is just one building block, bluesign drives a powerful, conscientious and sustainable change towards safer chemicals in textile manufacturing.



bluesign® system black limits 黑色评级限值(BSBL)这份文件定义了化学成品(例如助剂或染料)中各类受控化学物质的阈值。它主要包括在公开的 bluesign® SYSTEM 物质清单(BSSL) 消费者安全限值中定义为限用的所有物质。这些物质可能是例如具有致癌、致基因突变或生殖毒性的物质，或者属于POPs法规(欧盟委员会关于持久性有机污染物的法规)的物质。这些物质中一个重要示例是单体，如丙烯酰胺或丙烯腈。所有这些都可能存在于聚合物中，并且必须由化学品行业的系统合作伙伴进行控制。

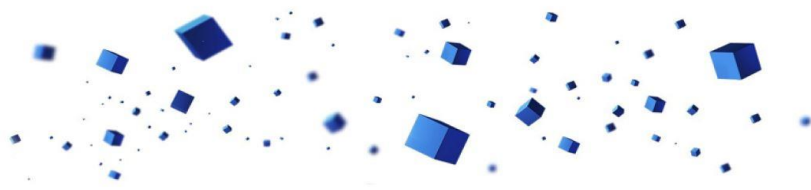
BSBL中已明确列出部分欧盟定义的高度关注物质(SVHC)的阈值，其阈值可能低于欧盟声明的1000ppm限值。对于未直接列在BSBL的所有高度关注物质，其阈值固定为1000ppm。

而 bluesign® TOOL包括，除了BSBL物质之外，还包括许多其他在混合物中具有限制的物质(例如染料或助剂)，这取决于相关的应用情况和暴露场景，而BSBL 限值阐明了独立于任何类型应用情况的最低阈值限制，并严格遵循基于预防性危害的方法。

BSBL 阈值应被视为基于危害的方式控制有害物质的最低要求，同时，bluesign® TOOL根据化学产品的应用工艺和应用条件计算各种物质在制品上的浓度，为满足 BSSL限值，化学产品中的物质浓度要求最终可能得出比BSBL阈值更加严格的限值要求。

bluesign® FINDER 是一个汇集已经通过bluesign® CHEMICAL ASSESSMENT化学品评定的市售优选化学产品正面清单，所有注册在bluesign® FINDER中的化学产品均符合 BSBL 的限值要求。相关的产品数据皆由化工行业内实践Responsible Care(责任关怀)的合作伙伴提供，他们拥有丰富的产品责任管理知识，在环境、职业健康与安全方面表现出色。唯有具备这些能力才有可能进行有根据性的化学产品评估，进而推导出受控物质在化学产品中(含括在BSBL)及在制品中(含括在BSSL)的限值。

BSBL仅是化学品管理的其中一个基石，通过严谨的bluesign® CHEMICAL ASSESSMENT 化学品评定和 CHEMICALS MANAGEMENT 化学品管理，BLUESIGN 将为纺织制造业提供更安全的化学品，带来强大、尽责和可持续的化学品变革。



2 Definitions and Abbreviations 定义与缩写

2.1 BSBL

bluesign® system black limits. A list that specifies threshold limits for chemical substances in finished chemical products such as auxiliaries or dyes.

bluesign® system black limits 黑色评级限值 (BSBL)。本清单列出化学产品如染料或助剂中受控物质的阈值。

2.2 BSSL

bluesign® system substances list consumer safety limits. 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。

2.3 bluesign® FINDER

Web-based online database containing positive list of preferred chemicals (e.g. dyestuffs, auxiliaries). It serves as a search engine designed to help manufacturers in finding bluesign® APPROVED chemical products.

bluesign® FINDER 是一个线上包含优选化学品（如染料或助剂）正面清单的数据库，旨在为生产商提供 bluesign® APPROVED 化学产品的搜索引擎。

2.4 bluesign® SYSTEM

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

bluesign® SYSTEM 透过整合供应链中的相关参与者，制定标准并定义行动，来确保其生产和产品是对人类和环境友善的。

2.5 bluesign® TOOL

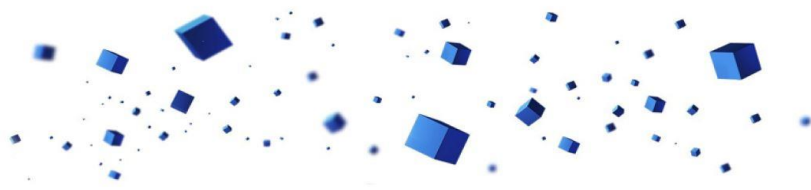
Web-based software application for chemical assessment and rating of chemical products.

Bluesign® TOOL 一个线上进行化学品评定及化学产品评级的软件。

2.6 CAS Number 化学品文摘号

CAS registry numbers are unique numerical identifiers for chemical elements, compounds, polymers, biological sequences, mixtures and 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 number.

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。



2.7 Chemical Product / Chemical 化学产品/化学品

A commercial product which can be a chemical substance or a mixture.
一种商品，可以是化学物质或混合物

2.8 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。

2.9 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.
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。

2.10 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。

2.11 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.
- For some substances minimization requirements are defined (e.g. EDTA, Phosphonates). Those substances do not pose a high risk to people and the environment but use and discharge should be limited as far as possible to reduce impact.

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。
- 对于某些物质，定义了最小化要求（例如 EDTA、磷酸盐）。这些物质对人类和环境不会造成高风险，但应尽可能限制使用和排放以减少影响。



2.12 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和人的风险评估，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 羽绒, 皮革, 聚合物部件, 金属部件
	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



2.13 Several 多个

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

当一个物质组别不是由单个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。

2.14 Substance Groups 物质组别

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

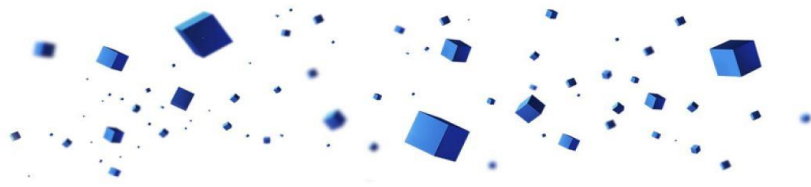
为了提升可读性并显示BSSL清单物质组别的层级结构，其列出：

- 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)

2.15 Threshold Limit Value 阈值

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

与应用工艺和应用条件无关，在 bluesign® FINDER 中所注册的化学成品中允许的最大化学物质含量。除了阈值合规性检查外，bluesign® TOOL 还会根据工艺和应用条件计算在制品上的个别物质浓度，并将其与 BSSL 限值进行比较。为了符合 BSSL 限值，可能需要确保化学产品中的物质浓度要求比 BSBL 阈值更严格。



2.15.1 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.
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。

2.15.2 Quantification Limit (QL) 定量限 (QL)

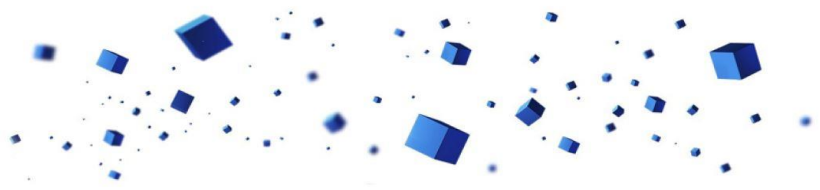
The lowest analyte concentration, that can be quantitatively detected with a stated accuracy and precision.
可以以规定的准确度和精准度进行定检测量的最低分析物浓度。

2.16 Usage Ban 禁用

For most chemical substances or substance groups in the BSBL 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.
大部分列在BSBL的化学物质或物质组别列为禁用。对于被列为禁用的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的物质或其物质组别。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。

2.17 Usage Restriction 使用限制

For some substances or substance groups a usage restriction is defined. In these cases an intentional use is allowed, but the concentration in the chemical product is restricted (e.g. for "Substances with usage restrictions but no consumer safety limits" or free content of blocking agent).
对于部分物质或物质组别，定义了使用限制。在这些情况下，允许有意使用，但化学产品中的含量浓度受到限制（例如，对于“有使用限制但没有消费者安全限制的物质”或不含封端剂）。



3 Testing Methods 测试方法

Testing shall be the last resort to confirm the absence of BSBL substances in finished chemical products (mixtures). This evidence is preferably adduced by Input Stream Management. That means for example appropriate selection of raw material suppliers, defining raw materials specifications, raw material control, process- and quality management at the production site. Recommended analytical test methods (e.g. GC-MS or LC-MS) are given in a separate column in the tables of section 6. Wherever possible, reference to a standard method (e.g. ISO) is given.

Sample preparation depends strongly on the sample matrix (powder, liquid, solvent- or water based, pH, viscosity of the mixture, other substances in the mixture, etc.). Therefore, the choice of sample preparation is tailor-made for each single tested chemical product and shall always be adjusted to the sample matrix.

All testing methods shall define the total content of the substance in the mixture. High recovery rate and low uncertainty shall be achieved. Robustness of the method shall be given.

产品测试应是确认化学成品（混合物）中不含BSBL物质的最后选择。受控物质的含量控制应首先通过输入流管理来证明。举例来说，通过选择原料供应商、定义原材料规格、原材料控制、生产场所的工艺和质量皆为输入流管理的一环。

在第6章有提供建议使用的测试方法（例如GC-MS或LC-MS）。若有合适的标准方法（例如ISO），则会尽可能在此列出。

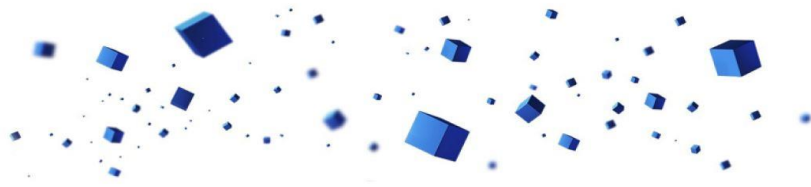
样品制备很大程度上取决于样品基质（粉末、液体、溶剂或水基、pH、混合物的粘度、混合物中的其他物质等）。因此，样品制备的选择，是针对每种单独测试的化学产品量身定制的，并且应根据样品基质进行调整。

所有测试方法应能确定混合物中物质的总含量，应有高重现性和低不确定性。任何测试方法皆需确保测试的可靠性。

4 SVHC 高度关注物质

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

一些直接列在BSBL中的高度关注物质（SVHC；根据REACH法规第59(10)条的候选清单），其限值可能低于欧盟规定的阈值，即1000 mg/kg。对于所有未直接在BSBL中列出的SVHC，有效的阈值限值为1000 mg/kg，报告限值定为100 mg/kg。



5 Scope and Validity 适用范围和有效性

5.1 Scope 范围

This document specifies threshold limits for chemical substances in chemical products. All bluesign® APPROVED chemical products must comply with these limits. 本文件规定了化学成品中化学物质的阈值。所有bluesign® APPROVED的化学产品都必须符合这些限值。

5.2 Validity 有效性

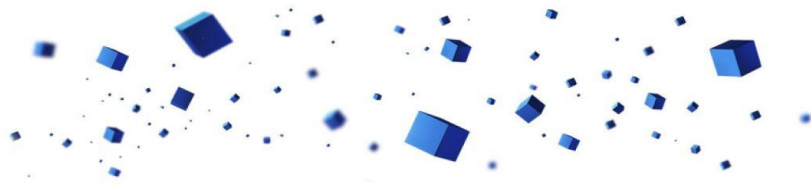
BSBL 6.0 comes into force on 1st July 2024. It replaces the bluesign® system black limits (BSBL), version 5.0 from 1st July 2023.

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 the implementation of the revised sections, unless stated otherwise, shall be effective by 1st July 2025 latest.

BSBL 6.0 版于 2024 年 7 月 1 日生效执行，同时取代2023年7月1日的5.0版本。

本文件根据最新的法规、研究及bluesign® SYSTEM PARTNER的反馈每年更新一次。

除另有说明，所有 bluesign® SYSTEM PARTNERS 应不迟于 2025 年 7 月 1 日之前实施增改的章节。



6 Threshold Limit Values 阈值

This chapter informs on threshold limits for chemical substances in chemical products (see following tables). Annex I lists individual substances that belong to substance groups. 本章节规范了化学产品中化学物质的阈值 (详见以下列表) 。附件I 详列出属于不同化学物质类别下的单个物质。

6.1 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”。

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)-)。

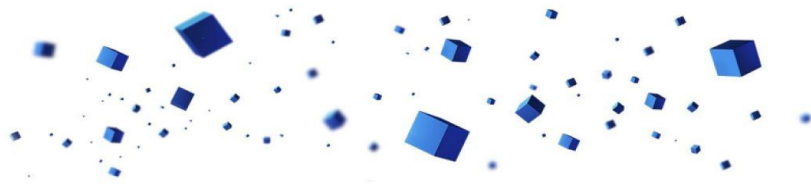
This definition might also affect substances that do not fall into the typical application of water/oil/stain repellents.
此定义可能影响不属于典型防水/防油/防污剂范围的物质。

6.2 ETAD listed metals ETAD 金属清单

Please note that not all ETAD listed metals (ETAD Code of Ethics Annex A, <https://etad.com/en/about-etad/code-of-ethics.html>) are explicitly mentioned in the BSBL. The reason is that the BSBL focuses on substances of very high concern regarding people and environment and follows a precautionary hazard-based approach. ETAD also restricts non-hazardous metals (for example iron) for other reasons. All bluesign® SYSTEM PARTNERS are obliged to keep the ETAD limits for metals in colorants (see bluesign® CRITERIA, effective version).

请注意，并非所有在ETAD列出的金属 (ETAD道德规范附录A, <https://etad.com/en/about-etad/code-of-ethics.html>) 都在此处明确提及。

原因是BSBL以预防化学品的危害性为原则，仅将对人和环境有影响的高度关注物质纳入清单。ETAD也会出于其他原因限制金属，例如铁。所有bluesign® SYSTEM PARTNERS 都有义务遵循着色剂中金属的ETAD限值 (参见bluesign® CRITERIA，有效版本)。



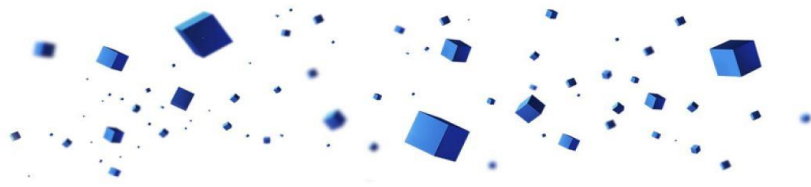
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Aldehydes 醛类							
Acrolein 丙烯醛	107-02-8	All 全部	Usage ban 禁用	50	mg/kg	LC-MS	Usage allowed as in-can preservative (< 1000 ppm). 可作罐装保存使用 (<1000 ppm)
Acetaldehyde 乙醛	75-07-0	All 全部	Usage ban 禁用	500	mg/kg		
Glutaraldehyde 戊二醛	111-30-8	All 全部	Usage ban 禁用	1000	mg/kg		
Alkylphenolethoxylates (APEOs) 烷基酚聚氧乙烯醚 (APEOs)							
<i>Nonylphenol ethoxylates (NPEO)</i> 壬基酚聚氧乙烯醚	Several 多个	All 全部	Usage ban 禁用	100	mg/kg	According to ISO 18254-1 (2016) 按照 ISO 18254-1 (2016)	For sum of all allocated Members/Substances. Single Members/Substances listed in Annex. 所有对应组别成员/物质总和 个别物质详见附录
<i>Octylphenol ethoxylates (OPEO)</i> 辛基酚聚氧乙烯醚	Several 多个	All 全部	Usage ban 禁用	100	mg/kg		



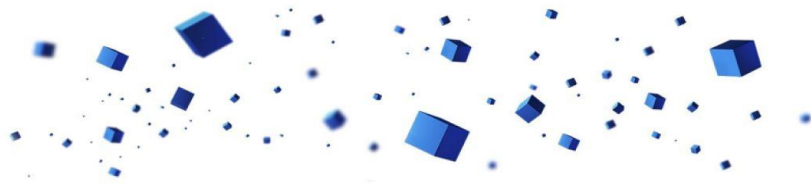
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Alkylphenols (APs) 烷基酚 (APs)							
4-tert-Butylphenol 4-叔-丁基苯酚	98-54-4	All 全部	Usage ban 禁用	100	mg/kg	According to ISO 21084 (2019) 按照 ISO 21084 (2019)	For sum of all allocated Members/Substances. Single Members/Substances listed in Annex. 所有对应组别成员/物质总和 个别物质详见附录
p-(1,1-Dimethylpropyl) phenol 对-(1,1-二甲基丙基)苯酚	80-46-6	All 全部	Usage ban 禁用	100	mg/kg		
4-Heptylphenol, branched and linear 4-庚基酚·支链和直链	Several 多个	All 全部	Usage ban 禁用	100	mg/kg		
Octylphenol (OP), mixed isomers 辛基酚, 及其混合同分异构体	Several 多个	All 全部	Usage ban 禁用	100	mg/kg		
Nonylphenol (NP), mixed isomers 壬基酚 (NP), 及其混合同分异构体	Several 多个	All 全部	Usage ban 禁用	100	mg/kg		
Dodecylphenol, mixed isomers 十二烷基苯酚·及其混合同分异构体	27193-86-8	All 全部	Usage ban 禁用	100	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Amines 胺类							
Aminoethylethanolamine - (AEEA) 氨基乙醇胺 - (AEEA)	111-41-1	All 全部	Usage ban 禁用	10	mg/kg	GC-MS	
Fatty acid condensation products with AEEA which may cleave to AEEA 会裂解AEEA的脂肪酸/AEEA缩聚物		All 全部	Usage ban 禁用	100	mg/kg	LC-MS	
Anilines, its salts and compounds 苯胺, 其盐和化合物	Several 多个						
Aniline - free content 游离苯胺	62-53-3	All 全部	Usage restriction 使用限制	500	mg/kg	LC-MS	Free content. Exceptional limit for Indigo: 2000 mg/kg (only valid when Indigo content of the preparation ≥ 30%). Testing: Indigo with reduction step, see bluesign® FACT SHEET Aniline. 游离含量。靛蓝的特殊限制：2000 mg/kg (仅当靛蓝在制备含量 ≥ 30%时适用) 测试：带有还原步骤的靛蓝，请参阅 bluesign® FACT SHEET 苯胺
Ethylenediamine 乙二胺	107-15-3	All 全部	Usage ban 禁用	1000	mg/kg	GC-MS	
Imidazole 咪唑	288-32-4	All 全部	Usage ban 禁用	10	mg/kg		
Melamine 三聚氰胺	108-78-1	All 全部	Usage ban 禁用	1000	mg/kg		
2-Naphthylphenylamine 2-萘基苯胺	135-88-6	All 全部	Usage ban 禁用	10	mg/kg		

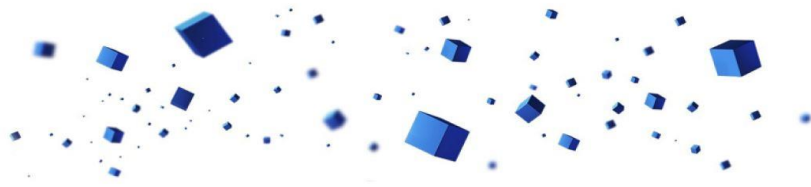


Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Amines 胺类							
<i>Phenylenediamines and its salts</i> 苯二胺及其盐	Several 多个						GC-MS
<i>p-Phenylenediamine and its salts</i> 对苯二胺及其盐	Several 多个						
p-Phenylenediamine 对苯二胺	106-50-3	All 全部	Usage ban 禁用	150	mg/kg		
p-Phenylenediamine- dihydrochloride 对苯二胺二盐酸盐	624-18-0	All 全部	Usage ban 禁用	150	mg/kg		

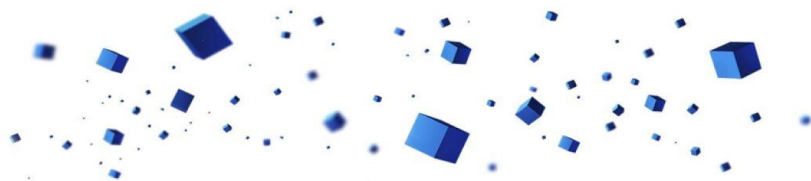


Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Arylamines 芳香胺							
Arylamines 芳香胺	Several 多个	All 全部	Usage ban 禁用			LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-MS // 参考 EN ISO 14362-1 (2017) 和 EN ISO 14362-3 (2017) LC-DAD // 参考 EN ISO 14362-1 (2017) 和 EN ISO 14362-3 (2017)	Usage ban 150 mg/kg for every allocated arylamine and its corresponding salts // Goal is 100 mg/kg (as substance for example in PU or by reductive cleavage of azo colorants) 每个芳香胺及其盐: 禁用 150 mg/kg (如聚氨酯和偶氮染料中某些成分会通过还原裂解释放出芳香胺物质)
<i>o</i> -Aminoazotoluene and its salts 邻-氨基偶氮甲苯及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 个别物质详见附录
<i>p</i> -Aminoazobenzene and its salts 对-氨基偶氮苯及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
4-Aminobiphenyl and its salts 4-氨基联苯及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
6-Amino-2-ethoxynaphthalene and its salts 6-氨基-2-乙氧基萘及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
4-Amino-3-fluorophenol and its salts 4-氨基-3-氟苯酚及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
2-Anisidine and its salts 2-甲氧基苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
Benzidine and its salts 联苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
3,3'-Dimethylbenzidine and its salts 3,3'-二甲基联苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
3,3'-Dichlorobenzidine and its salts 3,3'-二氯联苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
<i>o</i> -Dianisidines and its salts 邻-二甲氧基联苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		

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



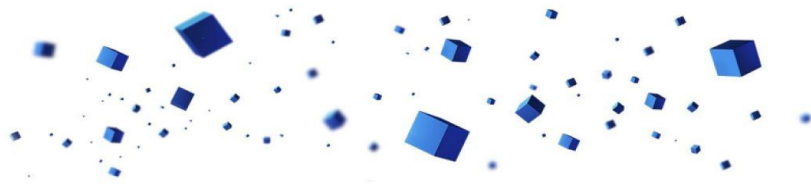
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Arylamines 芳香胺							
4-Chloroaniline and its salts 4-氯苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg	LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 个别物质详见附件
2,4-Diaminoanisole and its salts 2,4-二氨基苯甲醚及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
4,4'-Diaminodiphenylmethane and its salts 4,4'-二氨基二苯甲烷及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
2,4-Diaminotoluene and its salts 2,4-二氨基甲苯及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
4,4'-Methylenebis-(2-chloroaniline) and its salts 4,4'-亚甲基-双-(2-氯苯胺)及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
2-Naphthylamine and its salts 2-萘胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
Dianilines and its salts 二苯胺及其盐	Several 多个						
4,4'-Oxydianiline and its salts 4,4'-二氨基二苯醚及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg	Goal: 100 mg/kg 目标: 100 mg/kg	
4,4'-Thiodianiline and its salts 4,4'-二氨基二苯硫醚及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg	Single Substances listed in Annex 个别物质详见附件	



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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Arylamines 芳香胺							
<i>Toluidines and its salts</i> 甲苯胺及其盐	Several 多个					LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017)	Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 个别物质详见附录
<i>p-Cresidine and its salts</i> 对甲酚定及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
<i>m-Toluidine and its salts</i> 间甲苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
<i>o-Toluidine and its salts</i> 邻甲苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
<i>p-Toluidine and its salts</i> 对甲苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		
<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	All 全部	Usage ban 禁用	150	mg/kg		
<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	All 全部	Usage ban 禁用	150	mg/kg	Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Arylamines 芳香胺							
<i>Chlorotoluidines and its salts</i> 氯甲苯胺及其盐	Several 多个					LC-MS // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-DAD // with reference to EN ISO 14362-1 (2017) and EN ISO 14362-3 (2017) LC-MS // 参考 EN ISO 14362-1 (2017) 和 EN ISO 14362-3 (2017) LC-DAD // 参考 EN ISO 14362-1 (2017) 和 EN ISO 14362-3 (2017)	
<i>4-Chloro-2-toluidine and its salts</i> 4-氯-2-甲苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 个别物质详见附录
<i>Trimethylanilines and its salts</i> 三甲基苯胺及其盐	Several 多个						
<i>2,4,5-Trimethylaniline and its salts</i> 2,4,5-三甲基苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 个别物质详见附录
<i>Xylidines and its salts</i> 二甲基苯胺及其盐	Several 多个						
<i>2,4-Xylidine and its salts</i> 2,4-二甲基苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 个别物质详见附录
<i>2,6-Xylidine and its salts</i> 2,6-二甲基苯胺及其盐	Several 多个	All 全部	Usage ban 禁用	150	mg/kg		Goal: 100 mg/kg Single Substances listed in Annex 目标: 100 mg/kg 个别物质详见附录



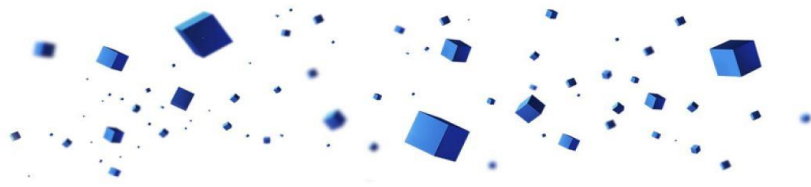
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Biocides 杀菌剂							
2-Chloroacetamide 2-氯乙酰胺	79-07-2	All 全部	Usage ban 禁用	10	mg/kg	GC-MS	
<i>Chlorinated and non-chlorinated Isothiazolinone-derivatives</i> 氯化代和非氯化代的异噻唑啉酮类衍生物	Several 多个	All 全部	Usage ban 禁用			LC-MS	Usage ban for every allocated Member/Substance 每个对应的组别成员或物质-禁用
Dichlorooctyl isothiazolinone-(DCOIT) 4,5-二氯-2-正辛基-3-异噻唑啉酮 (DCOIT)	64359-81-5	All 全部	Usage ban 禁用	100	mg/kg	LC-MS/MS	
Dichlorophen 双氯酚	97-23-4	All 全部	Usage ban 禁用	10	mg/kg	LC-MS	
Dimethylfumarate 富马酸二甲酯	624-49-7	All 全部	Usage ban 禁用	10	mg/kg	ISO 16186 (2021)	
N-Methylol-chloroacetamide N-羟甲基氯乙酰胺	2832-19-1	All 全部	Usage ban 禁用	100	mg/kg	GC-MS	
Permethrin 苄氯菊酯	52645-53-1	All 全部	Usage ban 禁用	10	mg/kg	GC-MS LC-MS	Exception valid for chemical products foreseen for usage range C: see bluesign® criteria for biocidal products and antimicrobial active substances C类使用范围例外: 详见bluesign® CRITERIA 杀菌和抗菌化学品准则



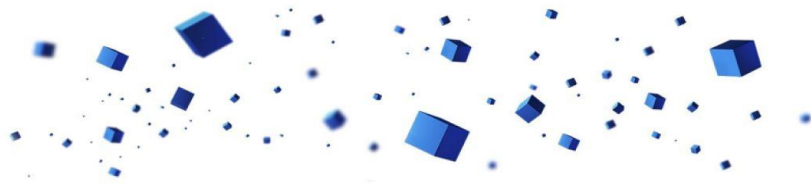
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Biocides 杀菌剂							
<i>o</i> -Phenylphenol and its salts 邻苯基苯酚及其盐	Several 多个	Textiles 纺织	Usage restriction 使用限制	5000	mg/kg	DIN 50009 (2021)	
<i>o</i> -Phenylphenol 邻苯基苯酚	90-43-7						
Sodium 2-biphenylate 邻苯基苯酚钠	132-27-4						
Pyrrithione zinc 吡啶硫酮锌	13463-41-7	All 全部	Usage ban 禁用	50	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016) ICP // 参考 DIN EN 16711-1 (2016) AAS // 参考 DIN EN 16711-1 (2016)	Testing: Metal content, in case of positive result further testing with CE/ICP-MS 测试: 在检测出金属含量的情况下必须进一步以CE/ICP-MS进行测试
Triclosan 三氯生	3380-34-5	All 全部	Usage ban 禁用	10	mg/kg	GC-MS	



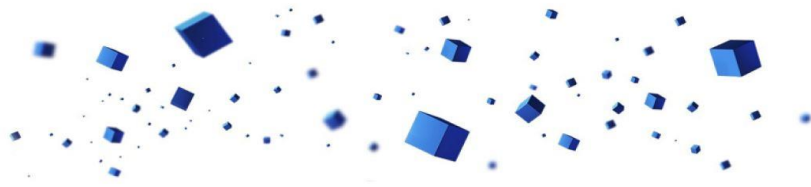
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类							
Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类	Several 多个	All 全部	Usage ban 禁用	25	mg/kg	GC-MS // with reference to EN 17137 (2019) GC-MS // 参考 EN 17137 (2019)	for sum of all allocated Members/Substances // Goal for sum is 10 mg/kg additionally for every allocated Member/Substance 10 mg/kg is valid with goal of 5 mg/kg 适用所有对应组别成员/物质总和 总和目标：10mg/kg 另外对于单个组别成员/物质适用于10mg/kg外，目标是5 mg/kg
<i>Chlorinated Benzenes</i> 氯化代苯	Several 多个						
Monochlorobenzene 一氯苯	108-90-7	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN 17137 (2019) GC-MS // 参考 EN 17137 (2019)	Goal: 5 mg/kg 目标: 5 mg/kg
<i>Dichlorobenzenes, all isomers</i> 二氯苯, 及所有同分异构体	Several 多个	All 全部	Usage ban 禁用				(Single substances listed in Annex) 个别物质详见附录
<i>Trichlorobenzenes, all isomers</i> 三氯苯, 及所有同分异构体	Several 多个	All 全部	Usage ban 禁用				
<i>Tetrachlorobenzenes, all isomers</i> 四氯苯, 及所有同分异构体	Several 多个	All 全部	Usage ban 禁用				
<i>Chlorinated Toluenes</i> 氯化代甲苯	Several 多个						
<i>Monochlorotoluenes, all isomers</i> 一氯甲苯, 及所有同分异构体	Several 多个	All 全部	Usage ban 禁用			GC-MS // with reference to EN 17137 (2019) GC-MS // 参考 EN 17137 (2019)	(Single substances listed in Annex) 个别物质详见附录
<i>Dichlorotoluenes, all isomers</i> 二氯甲苯, 及所有同分异构体	Several 多个	All 全部	Usage ban 禁用				
<i>Trichlorotoluenes, all isomers</i> 三氯甲苯, 及所有同分异构体	Several 多个	All 全部	Usage ban 禁用				
<i>Tetrachlorotoluenes, all isomers</i> 四氯甲苯, 及所有同分异构体	Several 多个	All 全部	Usage ban 禁用				



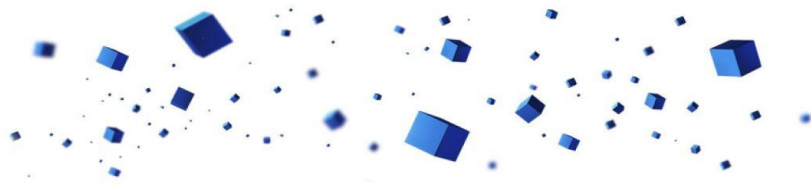
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Chlorinated Phenols 氯化代苯酚							
Pentachlorotoluene 五氯甲苯	877-11-2	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN 17137 (2019) GC-MS // 参考 EN 17137 (2019)	Goal: 5 mg/kg 目标: 5 mg/kg
Chlorotoluene, unspecific mixture 氯甲苯 · 不特定混合物	25168-05-2	All 全部	Usage ban 禁用	10	mg/kg		
<i>Mono- and Dichlorophenols</i> 一氯和二氯苯酚	Several 多个	All 全部	Usage ban 禁用	10	mg/kg	DIN 50009 (2021) EN ISO 17070 (Leather) DIN 50009 (2021) EN ISO 17070 (皮革)	For sum of all allocated Members/Substances. Additionally for every allocated Member/Substance 5 mg/kg is valid. 所有对应组别成员/物质总和 另外单个组别成员/物质: 5 mg/kg
<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	All 全部	Usage ban 禁用	5	mg/kg		
3-Chlorophenol 3-氯苯酚	108-43-0	All 全部	Usage ban 禁用	5	mg/kg		
4-Chlorophenol 4-氯苯酚	106-48-9	All 全部	Usage ban 禁用	5	mg/kg		
<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	All 全部	Usage ban 禁用	5	mg/kg		
2,4-Dichlorophenol 2,4-二氯苯酚	120-83-2	All 全部	Usage ban 禁用	5	mg/kg		
2,5-Dichlorophenol 2,5-二氯苯酚	583-78-8	All 全部	Usage ban 禁用	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Chlorinated Phenols 氯化代苯酚							
2,6-Dichlorophenol 2,6-二氯苯酚	87-65-0	All 全部	Usage ban 禁用	5	mg/kg		
3,4-Dichlorophenol 3,4-二氯苯酚	95-77-2	All 全部	Usage ban 禁用	5	mg/kg		
3,5-Dichlorophenol 3,5-二氯苯酚	591-35-5	All 全部	Usage ban 禁用	5	mg/kg		
<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	5	mg/kg		For sum of all allocated Members/Substances. Additionally for every allocated Member/Substance 5 mg/kg is valid. 所有对应组别成员/物质总和 另外单个组别成员/物质: 5 mg/kg
2,3,4-Trichlorophenol 2,3,4-三氯苯酚	15950-66-0	All 全部	Usage ban 禁用	5	mg/kg		
2,3,5-Trichlorophenol 2,3,5-三氯苯酚	933-78-8	All 全部	Usage ban 禁用	5	mg/kg		
2,3,6-Trichlorophenol 2,3,6-三氯苯酚	933-75-5	All 全部	Usage ban 禁用	5	mg/kg		
2,4,5-Trichlorophenol 2,4,5-三氯苯酚	95-95-4	All 全部	Usage ban 禁用	5	mg/kg		
2,4,6-Trichlorophenol 2,4,6-三氯苯酚	88-06-2	All 全部	Usage ban 禁用	5	mg/kg		
3,4,5-Trichlorophenol 3,4,5-三氯苯酚	609-19-8	All 全部	Usage ban 禁用	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Chlorinated Phenols 氯化代苯酚							
<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	5	mg/kg		For sum of all allocated Members/Substances. Additionally for every allocated Member/Substance 5 mg/kg is valid. 所有对应组别成员/物质总和 另外单个组别成员/物质: 5 mg/kg
2,3,4,5-Tetrachlorophenol 2,3,4,5-四氯苯酚	4901-51-3	All 全部	Usage ban 禁用	5	mg/kg		
2,3,4,6-Tetrachlorophenol 2,3,4,6-四氯苯酚	58-90-2	All 全部	Usage ban 禁用	5	mg/kg		
2,3,5,6-Tetrachlorophenol 2,3,5,6-四氯苯酚	935-95-5	All 全部	Usage ban 禁用	5	mg/kg		
<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	5	mg/kg		For sum of all allocated Members/Substances. 所有对应组别成员/物质总和
Pentachlorophenol 五氯苯酚	87-86-5						

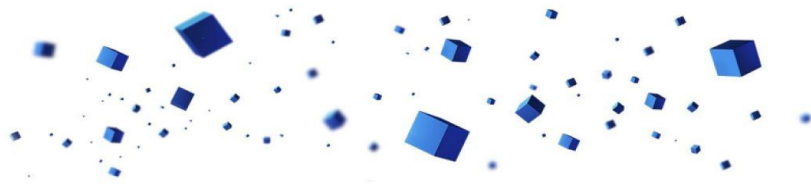


Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Colorants 着色剂							
<i>Colorants with carcinogenic potential</i> 可致癌着色剂	Several 多个	All 全部	Usage ban 禁用			LC-MS // with reference to DIN 54231 (2022)	200 mg/kg for every allocated Member/Substance 单个组别成员/物质: 200 mg/kg
Acid Red 26 酸性红 26	3761-53-3	All 全部	Usage ban 禁用	200	mg/kg	LC-DAD // with reference to DIN 54231 (2022) LC-MS // 参考 DIN 54231 (2022)	
<i>Basic Green 4 - (Malachite Green)</i> 碱性绿 4 (孔雀石绿)	Several 多个	All 全部	Usage ban 禁用	200	mg/kg	LC-DAD // 参考 DIN 54231 (2022)	For sum of all allocated Members/Substances. 所有对应组别成员/物质总和
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						
Leucomalachite green 隐色孔雀绿	129-73-7	All 全部	Usage ban 禁用	200	mg/kg		
Basic Red 9 碱性红 9	569-61-9	All 全部	Usage ban 禁用	200	mg/kg		
Basic Violet 14 碱性紫 14	632-99-5	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // with reference to DIN 54231 (2022)	
Direct Black 38 直接黑 38	1937-37-7	All 全部	Usage ban 禁用	200	mg/kg	LC-DAD // with reference to DIN 54231 (2022)	
Direct Blue 6 直接蓝 6	2602-46-2	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // 参考 DIN 54231 (2022) LC-DAD // 参考 DIN 54231 (2022)	
Direct Brown 95 直接棕 95	16071-86-6	All 全部	Usage ban 禁用	200	mg/kg		
Direct Red 28 直接红 28	573-58-0	All 全部	Usage ban 禁用	200	mg/kg		

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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注	
Colorants 着色剂								
Disperse Blue 1 分散蓝 1	2475-45-8	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022) LC-MS // 参考 DIN 54231 (2022) LC-DAD // 参考 DIN 54231 (2022)		
Disperse Orange 11 分散橙 11	82-28-0	All 全部	Usage ban 禁用	200	mg/kg			
Disperse Yellow 3 分散黄 3	2832-40-8	All 全部	Usage ban 禁用	200	mg/kg			
Pigment Yellow 34 颜料黄 34	1344-37-2	All 全部	Usage ban 禁用	200	mg/kg			
Pigment Red 104 颜料红 104	12656-85-8	All 全部	Usage ban 禁用	200	mg/kg			
Solvent Red 80 溶剂红 80	6358-53-8	All 全部	Usage ban 禁用	200	mg/kg			
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	All 全部	Usage ban 禁用	200	mg/kg			
Solvent Yellow 2 溶剂黄 2	60-11-7	All 全部	Usage ban 禁用	200	mg/kg			
<i>Colorants with allergenic potential</i> 可致敏着色剂	Several 多个	All 全部	Usage ban 禁用					200 mg/kg for every allocated Member/Substance 单个组别成员/物质: 200 mg/kg
Disperse Blue 3 分散蓝 3	2475-46-9	All 全部	Usage ban 禁用	200	mg/kg			
Disperse Blue 7 分散蓝 7	3179-90-6	All 全部	Usage ban 禁用	200	mg/kg			
Disperse Blue 26 分散蓝 26	3860-63-7	All 全部	Usage ban 禁用	200	mg/kg			



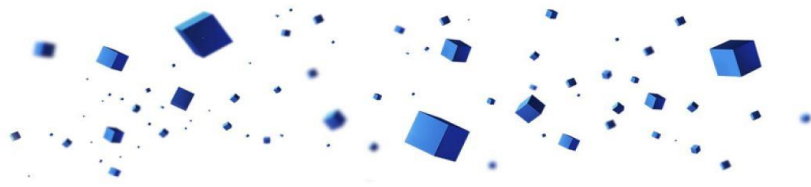
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Colorants 着色剂							
Disperse Blue 35 分散蓝 35	Several 多个	All 全部	Usage ban 禁用	200	mg/kg		For sum of all allocated Members/Substances. 所有对应组别成员/物质总和
Disperse Blue 35 [1] 分散蓝 35 [1]	12222-75-2						
Disperse Blue 35 [2] 分散蓝 35 [2]	56524-77-7						
Disperse Blue 35 B 分散蓝 35 B	56524-76-6						
Disperse Blue 102 分散蓝 102	12222-97-8	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022) LC-MS // 参考 DIN 54231 (2022) LC-DAD // 参考 DIN 54231 (2022)	
Disperse Blue 106 分散蓝 106	12223-01-7	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Blue 124 分散蓝 124	61951-51-7 15141-18-1	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Brown 1 分散棕 1	23355-64-8	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Orange 1 分散橙 1	2581-69-3	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Orange 3 分散橙 3	730-40-5	All 全部	Usage ban 禁用	200	mg/kg		



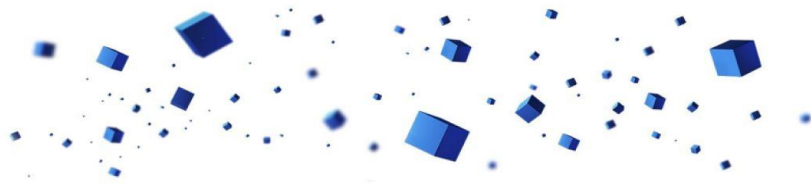
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Colorants 着色剂							
Disperse Orange 37/59/76 分散橙 37/59/76	Several 多个	All 全部	Usage ban 禁用	200	mg/kg		For sum of all allocated Members/Substances. 所有对应组别成员/物质总和
Disperse Orange 37/59/76 [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						
Disperse Red 1 分散红 1	2872-52-8	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Red 11 分散红 11	2872-48-2	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022)	
Disperse Red 17 分散红 17	3179-89-3	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // 参考 DIN 54231 (2022) LC-DAD // 参考 DIN 54231 (2022)	
Disperse Yellow 1 分散黄 1	119-15-3	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Yellow 9 分散黄 9	6373-73-5	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Yellow 39 分散黄 39	12236-29-2	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Yellow 49 分散黄 49	54824-37-2	All 全部	Usage ban 禁用	200	mg/kg		
Solvent Yellow 14 溶剂黄 14	842-07-9	All 全部	Usage ban 禁用	200	mg/kg		



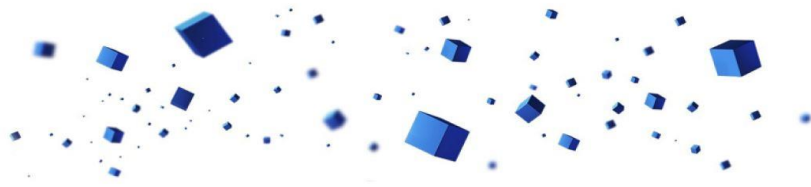
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Colorants 着色剂							
<i>Colorants banned for other reasons</i> 其他禁用着色剂	Several 多个	All 全部	Usage ban 禁用				200 mg/kg for every allocated Member/Substance 单个组别成员/物质: 200 mg/kg
Acid Orange 24 酸性橙 24	1320-07-6	All 全部	Usage ban 禁用	200	mg/kg		
Acid Violet 49 酸性紫 49	1694-09-3	All 全部	Usage ban 禁用	200	mg/kg		
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	All 全部	Usage ban 禁用	200	mg/kg		
Basic Violet 1 碱性紫 1	8004-87-3	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // with reference to DIN 54231 (2022)	
<i>Basic Violet 3</i> 碱性紫 3	Several 多个	All 全部	Usage ban 禁用	200	mg/kg	LC-DAD // with reference to DIN 54231 (2022) LC-MS // 参考 DIN 54231 (2022)	For sum of all allocated Members/Substances. 所有对应组别成员/物质总和
Basic Violet 3 [1] 碱性紫 3 [1]	548-62-9					LC-DAD // 参考 DIN 54231 (2022)	
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	2580-56-5						
Direct Black 91 直接黑 91	6739-62-4	All 全部	Usage ban 禁用	200	mg/kg		



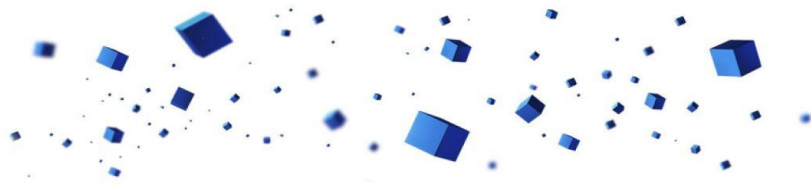
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Colorants 着色剂							
Direct Blue 76 直接蓝 76	16143-79-6	All 全部	Usage ban 禁用	200	mg/kg		
Direct Blue 218 直接蓝 218							
Direct Yellow 1 直接黄 1	6472-91-9	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Yellow 23 分散黄 23	6250-23-3	All 全部	Usage ban 禁用	200	mg/kg		
Disperse Orange 149 分散橙 149	85136-74-9	All 全部	Usage ban 禁用	200	mg/kg		
Navy Blue: A mixture of: disodium (6-(4-anisidino)-3- sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1- naphtholato)(1-(5-chloro-2- oxidophenylazo)-2- naphtholato)chromate(1-); trisodium bis(6-(4-anisidino)-3-sulfonato-2- (3,5-dinitro-2-oxidophenylazo)-1- naphtholato)chromat 直接蓝 218	Several 多个	All 全部	Usage ban 禁用	200	mg/kg	LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022) LC-MS // 参考 DIN 54231 (2022) LC-DAD // 参考 DIN 54231 (2022)	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Colorants 着色剂							
Disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-) (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-)	118685-33-9					LC-MS // with reference to DIN 54231 (2022) LC-DAD // with reference to DIN 54231 (2022) LC-MS // 参考 DIN 54231 (2022) LC-DAD // 参考 DIN 54231 (2022)	
Trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromat 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							
Solvent Blue 4 溶剂蓝 4	6786-83-0	All 全部	Usage ban 禁用	200	mg/kg		
<i>Colorants which can cleave in carcinogenic amines</i> 可裂解致癌芳香胺的着色剂	Several 多个	All 全部	Usage ban 禁用				200 mg/kg for every allocated Member/Substance. (Single substances listed in Annex) 单个组别成员/物质: 200 mg/kg 个别物质详见附录



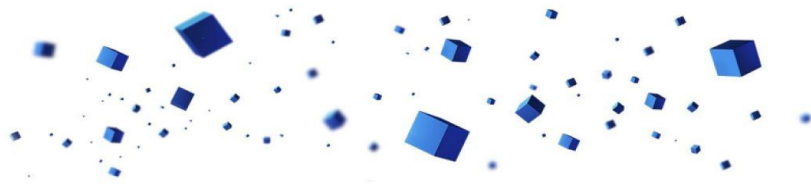
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Dioxins and Furans 二噁英及呋喃							
<i>Dioxins and Furans - Group 1 and 2</i> 二噁英及呋喃- 组别 1 & 2	Several 多个	All 全部	Usage ban 禁用	5.0	µg/kg	With reference to EPA 8290A 参考 EPA 8290A	For sum of traces 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/物质痕量总和 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	µg/kg		For sum of traces of all allocated Members/Substances to Group 1. (Single substances listed in Annex) 组别 1 的所有组别成员/物质痕量总和 个别物质详见附录
<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		For sum of traces of all allocated Members/Substances to Group 3 - official regulation for sum of all allocated Members/Substances to Group 1, 2 and 3 - 100 µg/kg. (Single substances listed in Annex) 组别 3 的所有组别成员/物质痕量总和 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 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	µg/kg		For sum of traces 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/个别物质的痕量总和 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	µg/kg		For sum of traces of all allocated Members/Substances to Group 4. (Single substances listed in Annex) 组别 4 的所有成员物质/个别物质的痕量总和 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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Enzymes 酶							
<i>Enzymes, industrial</i> 工业用酶	Several 多个	All 全部	Usage ban 禁用				<p>Usage ban only for enzyme formulations in powder form, limit: 1000 mg/kg (for sum of all). Test method: Normally quantification via input stream management. If required: substance specific testing. Single substances listed in Annex.</p> <p>禁用仅限于粉状的酶制剂。总和限值: 1000 mg/kg。 测试方法: 通过输入流管理量化。如需要: 根据物质特性相应的测试 个别物质详见附录</p>



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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Flame retardants 阻燃剂							
<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 (BMMP)	3296-90-0	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 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	50	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	50	mg/kg		
<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			GC-MS // prEN ISO 18219-1 (2019) GC-(NCI) MS // prEN ISO 18219-1 (2019)	Usage ban 50 mg/kg for every allocated group. 每个相应组别：禁用 50 mg/kg
		Leather 皮革	Usage ban 禁用				Usage ban 250 mg/kg for every allocated group 每个相应组别：禁用 250 mg/kg
<i>Paraffin wax, chlorinated</i> 氯化石蜡	63449-39-8	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	mg/kg	GC-MS // prEN ISO 18219-2 (2019) GC-(NCI) MS // prEN ISO 18219-2 (2019)	
		Leather 皮革	Usage ban 禁用	250	mg/kg		



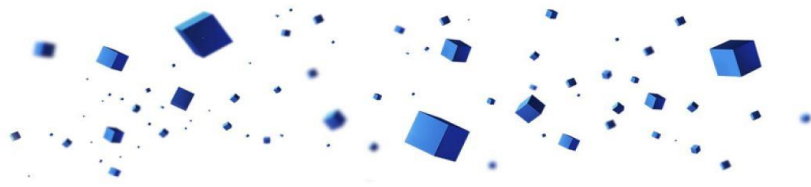
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Flame retardants 阻燃剂							
Paraffin, C10-C13, chlorinated - (SCCP) 短链氯化石蜡, C10-C13 (SCCP)	85535-84-8	Textiles Down/feather Polymer parts Metal parts 纺织, 羽绒, 聚合物部件, 金属部件	Usage ban 禁用	50	mg/kg		Single substances (not concluded) listed in Annex. 单个物质详见附录 (未详尽)
		Leather 皮革	Usage ban 禁用	250	mg/kg		
Paraffin, C14-C17, chlorinated - (MCCP) 中链氯化石蜡, C14-C17 (MCCP)	85535-85-9	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	mg/kg		
		Leather 皮革	Usage ban 禁用	250	mg/kg		
Paraffin, C18-C28, chlorinated - (LCCP) 长链氯化石蜡, C18-C28 (LCCP)	85535-86-0	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	mg/kg		
		Leather 皮革	Usage ban 禁用	250	mg/kg		
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	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	



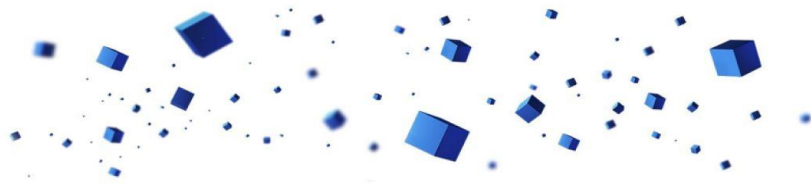
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Flame retardants 阻燃剂							
<i>Polybrominated diphenyl ethanes</i> 多溴二苯乙烷	Several 多个						
Decabromodiphenylethane (DBDPE) 十溴二苯乙烷 (DBDPE)	84852-53-9	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	Usage ban 50 mg/kg for every allocated substance or group. 每个相应物质或组别：禁用 50 mg/kg
<i>Polybrominated diphenyl ethers</i> 多溴二苯醚	Several 多个	All 全部	Usage ban 禁用				
<i>Monobromodiphenyl ether - (MonoBDE)</i> 单溴二苯醚 (MonoBDE)	Several 多个	All 全部	Usage ban 禁用	50	mg/kg		For sum of all allocated Members/Substances. 所有对应组别成员/物质总和
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						
<i>Tribromodiphenyl ether - (TriBDE)</i> 三溴二苯醚- (TriBDE)	49690-94-0	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	
<i>Tetrabromodiphenyl ether - (TetraBDE)</i> 四溴二苯醚 (TetraBDE)	40088-47-9	All 全部	Usage ban 禁用	50	mg/kg		
<i>Pentabromodiphenyl ether - (PentaBDE)</i> 五溴二苯醚 (PentaBDE)	32534-81-9	All 全部	Usage ban 禁用	50	mg/kg		
<i>Hexabromodiphenyl ether - (HexaBDE)</i> 六溴二苯醚 (HexaBDE)	36483-60-0	All 全部	Usage ban 禁用	50	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Flame retardants 阻燃剂							
Heptabromodiphenyl ether - (HeptaBDE) 七溴二苯醚 (HeptaBDE)	68928-80-3	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	
Octabromodiphenyl ether - (OctaBDE) 八溴二苯醚 (OctaBDE)	32536-52-0	All 全部	Usage ban 禁用	50	mg/kg		
Nonabromodiphenyl ether - (NonaBDE) 九溴二苯醚 (NonaBDE)	63936-56-1	All 全部	Usage ban 禁用	50	mg/kg		
Decabromodiphenyl ether - (DecaBDE) 十溴二苯醚 (DecaBDE)	1163-19-5	All 全部	Usage ban 禁用	50	mg/kg		
Tetrabromobisphenol A - (TBBP A) 四溴双酚A (TBBP A)	79-94-7	All 全部	Usage ban 禁用	50	mg/kg		
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	50	mg/kg		
Bis(2-ethylhexyl) tetrabromophthalate 四溴邻苯二甲酸双(2-乙基己基)酯	26040-51-7	All 全部	Usage ban 禁用	50	mg/kg	LC-MS // with reference to EN ISO 17881-2 (2016) LC-MS // 参考 EN ISO 17881-2 (2016)	
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	50	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	50	mg/kg		

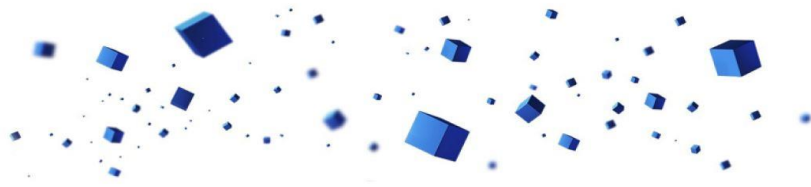


Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Flame retardants 阻燃剂							
Trimethyl phosphate 磷酸三甲酯	512-56-1	All 全部	Usage ban 禁用	50	mg/kg	LC-MS // with reference to EN ISO 17881-2 (2016) LC-MS // 参考 EN ISO 17881-2 (2016)	
Tri-o-cresyl phosphate 磷酸三邻甲苯酯	78-30-8	All 全部	Usage ban 禁用	50	mg/kg		
Tris(methylphenyl) phosphate 磷酸三甲苯酯	1330-78-5	All 全部	Usage ban 禁用	50	mg/kg		
Tris(2-chloroethyl) phosphate - (TCEP) 三(2-氯乙基)磷酸酯 (TCEP)	115-96-8	All 全部	Usage ban 禁用	50	mg/kg		
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	50	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	50	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	50	mg/kg		
Trixylyl phosphate - (TXP) 三(二甲苯)磷酸酯 (TXP)	25155-23-1	All 全部	Usage ban 禁用	50	mg/kg		

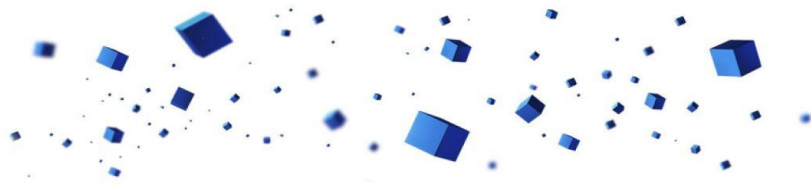


Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Glycols 乙二醇类							
Bis(2-methoxyethyl) ether 二乙二醇二甲醚	111-96-6	All 全部	Usage ban 禁用	50	mg/kg	LC-MS	
2-Ethoxyethanol 乙二醇乙醚	110-80-5	All 全部	Usage ban 禁用	50	mg/kg		
2-Ethoxyethyl acetate 乙二醇乙醚乙酸酯	111-15-9	All 全部	Usage ban 禁用	50	mg/kg		
Ethylene glycol dimethyl ether 乙二醇二甲醚	110-71-4	All 全部	Usage ban 禁用	50	mg/kg		
2-Methoxyethanol 乙二醇甲醚	109-86-4	All 全部	Usage ban 禁用	50	mg/kg		
2-Methoxyethyl acetate 乙二醇甲醚乙酸酯	110-49-6	All 全部	Usage ban 禁用	50	mg/kg		
2-Methoxy-1-propanol 2-甲氧基-1-丙醇	1589-47-5	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	mg/kg		
		Leather 皮革	Usage ban 禁用	200	mg/kg		
2-Methoxypropyl acetate 2-甲氧基-1-丙醇乙酸酯	70657-70-4	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	mg/kg		
		Leather 皮革	Usage ban 禁用	50	mg/kg		
Triethylene glycol dimethyl ether 三乙二醇二甲醚	112-49-2	All 全部	Usage ban 禁用	50	mg/kg		

Specific limit for leather finishing: 200 mg/kg.
皮革后处理的特定限值：200 mg/kg



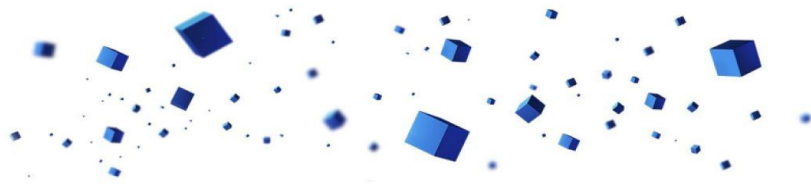
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Greenhouse Gases, fluorinated 含氟温室气体							
Greenhouse Gases, fluorinated 含氟温室气体	Several 多个	All 全部	Usage ban 禁用			CEN/TS 13130-10 (2005)	Usage ban 10 mg/kg for every allocated Member/Substance GHG as defined in EU regulation 517/2014, article 2 (1). Substances listed in Annex. 禁用/每个组别成员或物质检出限: 10 mg/kg 根据欧盟法规517/2014,第2条(1) 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	Value 阈值	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							
<i>Polybrominated Biphenyls</i> 多溴联苯	59536-65-1	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	For sum of all polybrominated biphenyls. 多溴联苯总和
Monobromo biphenyl 单溴联苯	26264-10-8	All 全部	Usage ban 禁用	10	mg/kg		
Hexabromo biphenyl 六溴联苯	36355-01-8	All 全部	Usage ban 禁用	10	mg/kg		
Decabromo-1,1'-biphenyl 十溴-1,1'-联苯	13654-09-6	All 全部	Usage ban 禁用	10	mg/kg		
<i>Polychlorinated Biphenyls</i> 多氯联苯	1336-36-3	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to ISO/TR 17881-3 (2018) GC-MS // 参考 ISO/TR 17881-3 (2018)	For sum of all polychlorinated biphenyls. 多氯联苯总和
<i>Polychlorinated Terphenyls</i> 多氯三联苯	61788-33-8	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	For sum of all polychlorinated terphenyls. 多氯三联苯总和
<i>Polybrominated Terphenyls</i> 多溴三联苯	Several 多个	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	For sum of all polybrominated terphenyls. 多溴三联苯总和



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	Value 阈值	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							
<i>Polychlorinated Naphthalenes</i> 多氯化萘	Several 多个	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to ISO/TR 17881-3 (2018) GC-MS // 参考 ISO/TR 17881-3 (2018)	For sum of all polychlorinated naphthalenes. 多氯化萘总和
<i>Monochloro naphthalene</i> 氯化萘	25586-43-0	All 全部	Usage ban 禁用	10	mg/kg		
<i>Dichloro naphthalene</i> 二氯化萘	28699-88-9	All 全部	Usage ban 禁用	10	mg/kg		
<i>Trichloro naphthalene</i> 三氯化萘	1321-65-9	All 全部	Usage ban 禁用	10	mg/kg		
<i>Tetrachloro naphthalene</i> 四氯化萘	1335-88-2	All 全部	Usage ban 禁用	10	mg/kg		
<i>Pentachloro naphthalene</i> 五氯化萘	1321-64-8	All 全部	Usage ban 禁用	10	mg/kg		
<i>Hexachloro naphthalene</i> 六氯化萘	1335-87-1	All 全部	Usage ban 禁用	10	mg/kg		
<i>Heptachloro naphthalene</i> 七氯化萘	32241-08-0	All 全部	Usage ban 禁用	10	mg/kg		
<i>Octachloro naphthalene</i> 八氯化萘	2234-13-1	All 全部	Usage ban 禁用	10	mg/kg		
<i>Polybrominated Naphthalenes</i> 多溴化萘	Several 多个	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN ISO 17881-1 (2016) GC-MS // 参考 EN ISO 17881-1 (2016)	For sum of all polybrominated naphthalenes. 多溴化萘总和



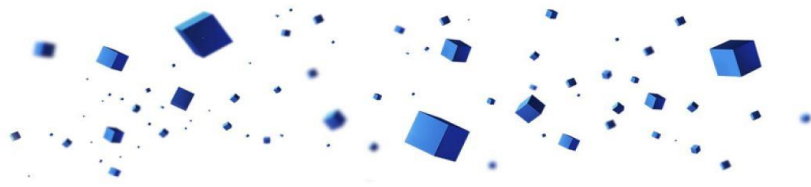
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Halogenated Diarylalkanes 卤化代双环烷类							
<i>Halogenated Diarylalkanes</i> 卤化代双环烷类	Several 多个	All 全部	Usage ban 禁用			GC-MS	Usage ban 10 mg/kg for every allocated Member/Substance 每个组别成员或物质:禁用 10 mg/kg
<i>Monomethyl-dibromo- diphenyl methane</i> 单甲基-二溴-二苯基甲烷	99688-47-8	All 全部	Usage ban 禁用	10	mg/kg		
<i>Monomethyl-dichloro- diphenyl methane</i> 单甲基-二氯-二苯基甲烷	81161-70-8	All 全部	Usage ban 禁用	10	mg/kg		
<i>Monomethyl-tetrachloro- diphenyl methane</i> 单甲基-四氯-二苯基甲烷	76253-60-6	All 全部	Usage ban 禁用	10	mg/kg		



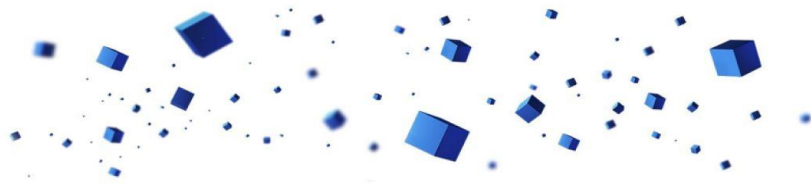
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Metals 金属							
<i>Arsenic, its salts and compounds</i> 砷, 其盐及其化合物	Several 多个						
Arsenic - as content 砷 - 作为含量	7440-38-2	All 全部	Usage ban 禁用	50	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016) ICP // 参考 DIN EN 16711-1 (2016) AAS // 参考 DIN EN 16711-1 (2016)	As metal content. 以金属含量
<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	All 全部	Usage ban 禁用	20	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016) ICP // 参考 DIN EN 16711-1 (2016) AAS // 参考 DIN EN 16711-1 (2016)	As metal content. Limit for pigments: 50 mg/kg. 以金属含量 颜料限值: 50 mg/kg
<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	All 全部	Usage ban 禁用	10	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016) ICP // 参考 DIN EN 16711-1 (2016) AAS // 参考 DIN EN 16711-1 (2016)	As metal content. 以金属含量



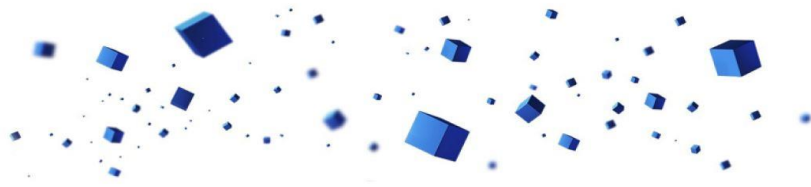
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Metals 金属							
<i>Lead, its salts and compounds</i> 铅, 其盐及其化合物	Several 多个						
Lead - as content 铅 - 作为含量	7439-92-1	All 全部	Usage ban 禁用	100	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016) ICP // 参考 DIN EN 16711-1 (2016) AAS // 参考 DIN EN 16711-1 (2016)	As metal content. 以金属含量
<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	All 全部	Usage ban 禁用	4	mg/kg	ICP // with reference to DIN EN 16711-1 (2016) AAS // with reference to DIN EN 16711-1 (2016) ICP // 参考 DIN EN 16711-1 (2016) AAS // 参考 DIN EN 16711-1 (2016)	As metal content. Limit for pigments: 25 mg/kg. 以金属含量 颜料限值: 25 mg/kg



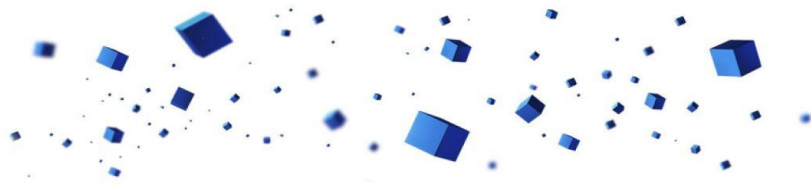
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Monomers 单体							
Acrylamide 丙烯酰胺	79-06-1	All 全部	Usage ban 禁用	1000	mg/kg	LC-MS	Goal: 500 mg/kg; BSSL consumer safety limit must be assured 目标：500 mg/kg 必须符合 BSSL 消费者安全限值
Acrylonitrile 丙烯腈	107-13-1	All 全部	Usage ban 禁用	100	mg/kg	Headspace GC-MS // with reference to EN 13130-3 (2004) 顶空进样 GC-MS // 参考 EN 13130-3 (2004)	
2-Chlorobuta-1,3-diene 氯丁二烯	126-99-8	All 全部	Usage ban 禁用	100	mg/kg	Headspace GC-MS // with reference to BVL B 80.68-1 顶空进样 GC-MS // 参考 BVL B 80.68-1	
Epichlorohydrin 环氧氯丙烷	106-89-8	All 全部	Usage ban 禁用	100	mg/kg	LC-MS // with reference to CEN/TS 13130-20 (2005) LC-MS // 参考 CEN/TS 13130-20 (2005)	
N-Methylolacrylamide 羟甲基丙烯酰胺	924-42-5	All 全部	Usage ban 禁用	100	mg/kg	LC-MS	
Vinyl chloride 氯乙烯	75-01-4	All 全部	Usage ban 禁用	100	mg/kg	GC-MS // with reference to ISO 6401 (2008) GC-MS // 参考 ISO 6401 (2008)	
1-Vinylimidazole 1-乙烯基咪唑	1072-63-5	All 全部	Usage ban 禁用	500	mg/kg	GC-MS	



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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Nitrosamines 亚硝胺类							
Nitrosamines 亚硝胺类	Several 多个	All 全部	Usage ban 禁用				As substance and as reaction product from secondary amines for example in elastomers or rubbers. Usage ban 1.0 mg/kg for every allocated Member/Substance. 例如在弹性体或橡胶中来自仲胺的化学物质或反应产物 每个组别成员或物质: 禁用 1.0 mg/kg
N-Nitroso-di-n-butylamine N-亚硝基二正丁胺	924-16-3	All 全部	Usage ban 禁用	1.0	mg/kg	GC-MS // with reference to GB/T 24513 (2009) GC-MS // with reference to prEN 19577 (2019) GC-MS // 参考 GB/T 24513 (2009) GC-MS // 参考 prEN 19577 (2019)	
N-Nitroso-di-ethanolamine N-亚硝基二乙醇胺	1116-54-7	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-di-ethylamine N-亚硝基二乙胺	55-18-5	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-di-isopropylamine N-亚硝基-二异丙胺	601-77-4	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-di-methylamine N-亚硝基-二甲胺	62-75-9	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-di-benzylamine N-亚硝基-二苯甲胺	5336-53-8	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-di-isobutylamine N-亚硝基-二异丁胺	997-95-5	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-di-isononylamine N-亚硝基-二异壬基胺	1207995-62-7	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-di-n-propylamine N-亚硝基-二正丙胺	621-64-7	All 全部	Usage ban 禁用	1.0	mg/kg		



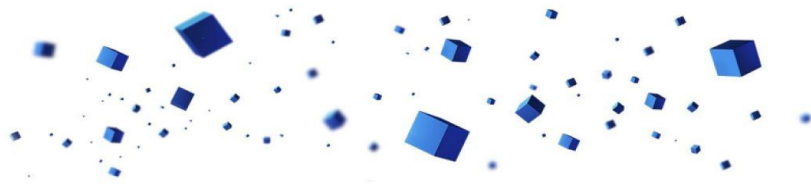
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Nitrosamines 亚硝胺类							
N-Nitroso-ethylphenylamine N-亚硝基-乙基苯胺	612-64-6	All 全部	Usage ban 禁用	1.0	mg/kg	GC-MS // with reference to GB/T 24513 (2009) GC-MS // with reference to prEN 19577 (2019)	
N-Nitroso- methylphenylamine N-亚硝基-甲基苯胺	614-00-6	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitrosomethyl-n- butylamine N-亚硝基甲基正丁胺	7068-83-9	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitrosomethyl-n- propylamine N-亚硝基甲基正丙胺	924-46-9	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-morpholine N-亚硝基-吗啉	59-89-2	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-piperidine N-亚硝基-哌啶	100-75-4	All 全部	Usage ban 禁用	1.0	mg/kg		
N-Nitroso-pyrrolidine N-亚硝基-吡咯烷	930-55-2	All 全部	Usage ban 禁用	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质							
Alkylphthalenes: all derivatives 烷基萘: 所有衍生物		All 全部	Usage ban 禁用	10	mg/kg	GC-MS	
Azobenzene 偶氮苯	103-33-3 17082-12-1		Usage ban 禁用	100	mg/kg	GC-MS LC-MS	
Azodicarbonamide - (ADCA) 偶氮二甲酰胺 (ADCA)	123-77-3		Usage ban 禁用	1000	mg/kg	LC-MS LC-DAD	Not allowed for bluesign® APPROVED chemicals, however the usage on-site is tolerated, if no feasible alternative for foaming is available. Proof that consumer safety limit for ADCA is kept via finished article testing (e.g. footwear sole). 禁止用于bluesign® APPROVED 的化学品，但如果现场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		Usage ban 禁用	50	mg/kg	GC-MS // with confirmatory LC-MS in the event of a positive detection GC-MS // 如有检出以 LC-MS 确认	Exception: Limit for dyestuffs is 100 mg/kg 例外：染料限值是 100 mg/kg
Bisphenol A 双酚A	80-05-7		Usage ban 禁用	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		Usage ban 禁用	100	mg/kg		
Bisphenol B 双酚B	77-40-7		Usage ban 禁用	100	mg/kg		
Bisphenol F 双酚F	620-92-8		Monitoring 监控	1000	mg/kg		
Bisphenol S 双酚S	80-09-1	Usage ban 禁用	1000	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质							
2-Butanone oxime 丁酮肟	96-29-7	All 全部	Usage ban 禁用	50	mg/kg	GC-MS	Usage ban also valid for use as blocking agent. 禁用限值也适用于封端剂
4-tert-Butyltoluene 4-叔丁基甲苯	98-51-1	All 全部	Usage ban 禁用	10	mg/kg		
1,3-Dichloro-2-propanol 1,3-二氯-2-丙醇	96-23-1	All 全部	Usage ban 禁用	100	mg/kg		
Dimethyl sulfate 硫酸二甲酯	77-78-1	All 全部	Usage ban 禁用	100	mg/kg		
2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	All 全部	Usage ban 禁用	100	mg/kg		
1,4-Dioxane 1,4-二噁烷	123-91-1	All 全部	Usage ban 禁用	1000	mg/kg		
Ethyleneimine 乙烯亚胺	151-56-4	All 全部	Usage ban 禁用	100	mg/kg		
Formaldehyde oligomeric reaction product with aniline 甲醛和苯胺的低聚反应产物	25214-70-4	All 全部	Usage ban 禁用	20	mg/kg	LC-MS // Indirect testing via Diaminodiphenylmethane LC-MS // 二氨基二苯甲烷间接法	
Formamide 甲酰胺	75-12-7	All 全部	Usage ban 禁用	200	mg/kg	GC-MS	
Isoquinoline 异喹啉	119-65-3	All 全部	Usage ban 禁用	1000	mg/kg	LC-MS/MS LC-DAD	
2-Methylaziridine 2-甲基氮丙啶	75-55-8	All 全部	Usage ban 禁用	10	mg/kg	GC-MS	
Potassium bromate 溴酸钾	1/2/7758	All 全部	Usage ban 禁用	100	mg/kg	IC	



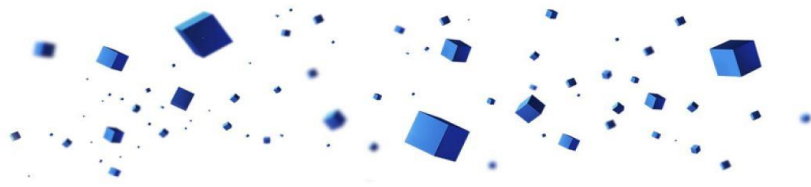
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质							
Sodium bromate 溴酸钠	7789-38-0	All 全部	Usage ban 禁用	100	mg/kg	IC	
Quinoline 喹啉	91-22-5	All 全部	Usage ban 禁用	1000	mg/kg	LC-MS/MS LC-DAD	
Sodium borohydride 硼氢化钠	16940-66-2	All 全部	Usage ban 禁用	250	mg/kg	ICP-MS // Indirect testing via Boron (DL 100 mg/kg) ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // 通过硼的间接法(检出限: 100 mg/kg) ICP-OES // 通过硼的间接法(检出限: 100 mg/kg)	
Thiourea 硫脲	62-56-6	All 全部	Usage ban 禁用	1000	mg/kg	LC-MS	
<i>Boric acid and derivatives</i> 硼酸及其衍生物	Several 多个	All 全部	Usage ban 禁用				Usage ban 250 mg/kg for every allocated substance or group 每个相应物质或组别：禁用 250 mg/kg
Barium diboron tetraoxide 偏硼酸钡	13701-59-2	All 全部	Usage ban 禁用	250	mg/kg	ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Borate, zinc salt 硼酸锌	1332-07-6	All 全部	Usage ban 禁用	250	mg/kg	ICP-OES // 通过硼的间接法(检出限: 100 mg/kg) ICP-MS // 通过硼的间接法(检出限: 100 mg/kg)	
Boron zinc oxide 硼酸锌	12767-90-7	All 全部	Usage ban 禁用	250	mg/kg	ICP-OES // 通过硼的间接法(检出限: 100 mg/kg) ICP-MS // 通过硼的间接法(检出限: 100 mg/kg)	
Boric acid 硼酸	10043-35-3 11113-50-1	All 全部	Usage ban 禁用	250	mg/kg	ICP-OES // 通过硼的间接法(检出限: 100 mg/kg) ICP-MS // 通过硼的间接法(检出限: 100 mg/kg)	
Diboron trioxide 三氧化二硼	1303-86-2	All 全部	Usage ban 禁用	250	mg/kg		



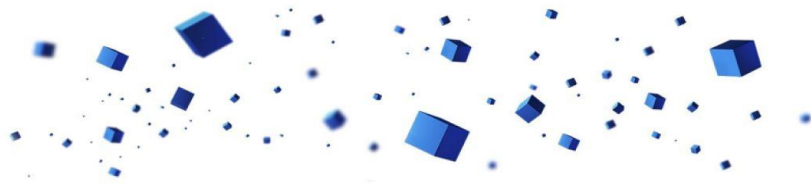
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质							
<i>Disodium tetraborate</i> 四硼酸二钠	Several 多个	All 全部	Usage ban 禁用	250	mg/kg		
Disodium tetraborate, decahydrate 四硼酸二钠, 十水	1303-96-4						
Disodium tetraborate, anhydrous 四硼酸二钠, 无水	1330-43-4						
Disodium tetraborate, pentahydrate 四硼酸二钠, 五水	12179-04-3					ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
<i>Disodium octaborate</i> 八硼酸二钠	Several 多个	All 全部	Usage ban 禁用	250	mg/kg		
Disodium octaborate, anhydrous 无水八硼酸二钠	12008-41-2						
Disodium octaborate, tetrahydrate 四水八硼酸二钠	12280-03-4						



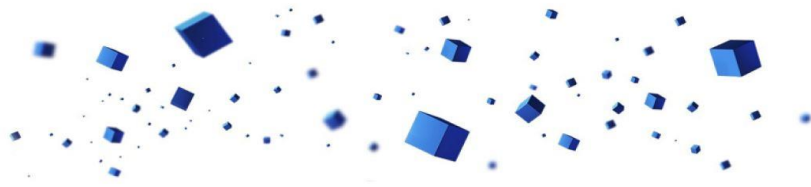
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Other Chemical Substances 其他化学物质							
<i>Orthoboric acid sodium salt</i> 原硼酸钠盐	13840-56-7 1333-73-9 25747-83-5	All 全部	Usage ban 禁用	250	mg/kg		
Boric acid, monosodium salt 硼酸·一钠盐	14890-53-0					ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Boric acid, disodium salt 硼酸·二钠盐	22454-04-2						
Boric acid, trisodium salt 硼酸·三钠盐	14312-40-4						
<i>Perboric acid, sodium salt</i> 过硼酸钠盐	11138-47-9	All 全部	Usage ban 禁用	250	mg/kg	ICP-OES // 通过硼的间接法(检出限: 100 mg/kg) ICP-MS // 通过硼的间接法(检出限: 100 mg/kg)	
Perboric acid (HBO(O ₂)), sodium salt, monohydrate 一水过硼酸钠 (HBO(O ₂))	10332-33-9						
Perboric acid, sodium salt, monohydrate 一水过硼酸钠	12040-72-1						
Perboric acid, sodium salt, tetrahydrate 四水过硼酸钠	37244-98-7						



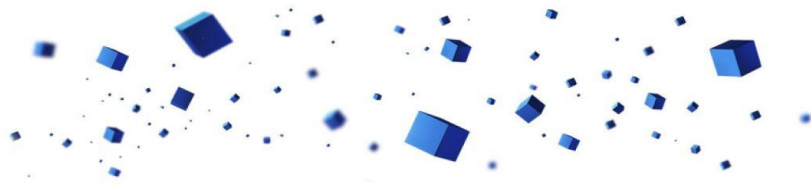
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Other Chemical Substances 其他化学物质							
<i>Sodium perborate derivatives</i> 过硼酸钠	Several 多个	All 全部	Usage ban 禁用	250	mg/kg	ICP-OES // Indirect testing via Boron (DL 100 mg/kg) ICP-MS // Indirect testing via Boron (DL 100 mg/kg)	
Sodium perborate 过硼酸钠	15120-21-5					ICP-OES // 通过硼的间接法(检出限: 100 mg/kg)	
Sodium perborate, anhydrous 无水过硼酸钠	7632-04-4					ICP-MS // 通过硼的间接法(检出限: 100 mg/kg)	
Tetraboron disodium heptaoxide, hydrate 水合七氧四硼酸二钠	12267-73-1	All 全部	Usage ban 禁用	250	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Other Chemical Substances 其他化学物质							
<i>Cresol, all isomers</i> 甲酚及其同分异构体	1319-77-3	All 全部	Usage ban 禁用			GC-MS	Usage ban 100 mg/kg for every allocated Member/Substance 单个组别成员/物质：禁用 100 mg/kg
o-Cresol 邻甲酚	95-48-7	All 全部	Usage ban 禁用	100	mg/kg	GC-MS	
m-Cresol 间甲酚	108-39-4	All 全部	Usage ban 禁用	100	mg/kg	GC-MS	
p-Cresol 对甲酚	106-44-5	All 全部	Usage ban 禁用	100	mg/kg	GC-MS	
<i>Hydrazine, its salts and hydrates</i> 联胺·及其盐和水合物	Several 多个	All 全部	Usage ban 禁用	10	mg/kg	GC-MS	
Hydrazine 联胺	302-01-2						
<i>Nitropropane derivatives</i> 硝基丙烷及其衍生物	Several 多个						
2-Nitropropane 2-硝基丙烷	79-46-9	All 全部	Usage ban 禁用	100	mg/kg	GC-MS	



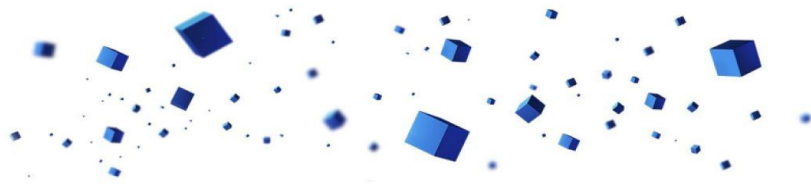
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Other Chemical Substances 其他化学物质							
<i>Siloxanes</i> 硅氧烷	Several 多个	All 全部	Usage ban 禁用			TEGEWA method (2021)	Usage ban 1000 mg/kg for every allocated Member/Substance 单个组别成员/物质：禁用 1000 mg/kg
D4-Siloxane (Octamethylcyclotetrasiloxane) 八甲基环四硅氧烷 (D4)	556-67-2	All 全部	Usage ban 禁用	1000	mg/kg		
D5-Siloxane (Decamethylcyclopentasiloxane) 十甲基环五硅氧烷 (D5)	541-02-6	All 全部	Usage ban 禁用	1000	mg/kg		
D6-Siloxane (Dodecamethylcyclohexasiloxane) 十二甲基环六硅氧烷 (D6)	540-97-6	All 全部	Usage ban 禁用	1000	mg/kg		
<i>Terpene hydrocarbons</i> 萜烯	Several 多个	All 全部	Usage ban 禁用			GC-MS	Usage ban 500 mg/kg for every allocated Member/Substance 单个组别成员/物质：禁用 500 mg/kg
D-Limonene 右旋柠檬烯	5989-27-5	All 全部	Usage ban 禁用	500	mg/kg		
DL-Limonene 消旋柠檬烯	138-86-3	All 全部	Usage ban 禁用	500	mg/kg		
L-Limonene 左旋柠檬烯	5989-54-8	All 全部	Usage ban 禁用	500	mg/kg		



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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	100	mg/kg	GC-MS	For sum of all allocated Ozone depleting substances (Class I and II). 相应臭氧消耗物质总和 (第1类和第2类)
<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				Single substances listed in Annex. 个别物质详见附录
<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				



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	Value 阈值	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 6. 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 6 章节中的 PFAS 声明。
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		All 全部	Usage ban 禁用	100	µg/kg	GC-MS	
<i>Perfluorobutane sulfonic acid and its derivatives</i> 全氟丁烷磺酸及其衍生物	Several 多个						
<i>Perfluorobutane sulfonic acid and its salts</i> 全氟丁烷磺酸及其盐	Several 多个	All 全部	Usage ban 禁用	1000	µg/kg	LC-MS // (non-volatile) GC-MS // (volatile) LC-MS // (非挥发性) GC-MS // (挥发性)	For sum of all allocated Members/Substances. 所有对应组别成员/物质总和



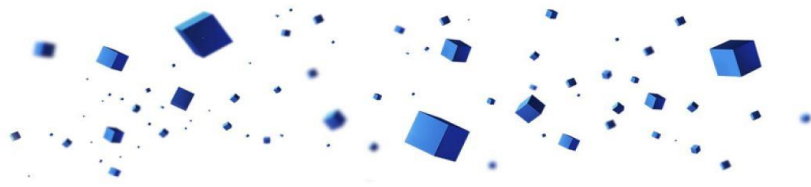
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)							
<i>Perfluorohexane sulfonic acid and its derivatives</i> 全氟己烷磺酸及其衍生物	Several 多个	All 全部	Usage ban 禁用			LC-MS // (non-volatile) GC-MS // (volatile) LC-MS // (非挥发性) GC-MS // (挥发性)	Usage ban 100 µg/kg for every allocated group. 每个相应组别：禁用 100 µg/kg
<i>Perfluorohexane sulfonic acid and its salts</i> 全氟己烷磺酸和其盐	Several 多个	All 全部	Usage ban 禁用	25	µg/kg		For sum of all allocated Members/Substances. Single substances listed in Annex. 适用所有组别成员/物质总和 个别物质详见附件
<i>Perfluorohexane sulfon amides</i> 全氟己烷磺酰胺	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		For sum of all Members/Substances. Single substances listed in Annex. 适用所有组别成员/物质总和 个别物质详见附件
<i>Perfluorohexane sulfon amidoethanols</i> 全氟己烷磺酰胺乙醇	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<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	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluorohexane sulfon halides</i> 全氟己烷磺化卤化物	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluorohexane sulfon polymers</i> 全氟己烷磺化聚合物	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		



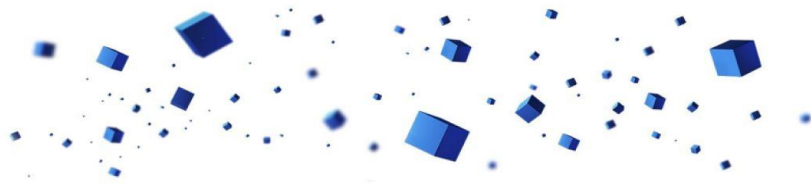
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)							
<i>Perfluorooctane sulfonic acid and its derivatives</i> 全氟辛烷磺酸及其衍生物	Several 多个	All 全部	Usage ban 禁用			LC-MS // (non-volatile) GC-MS // (volatile) LC-MS // (非挥发性) GC-MS // (挥发性)	Usage ban 100 µg/kg for every allocated group 每个相应组别：禁用 100 µg/kg
<i>Perfluorooctane sulfonic acid and its salts</i> 全氟辛烷磺酸及其盐	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		For sum of all allocated Members/Substances. Single substances listed in Annex. 适用所有组别成员/物质总和 个别物质详见附录
<i>Perfluorooctane sulfon amides</i> 全氟辛烷磺酰胺	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Perfluorooctane sulfon amidoethanols</i> 全氟辛烷磺酰胺乙醇	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluorooctane sulfon amidoethyl (meth)acrylates</i> 全氟辛烷磺乙酰胺基(甲基)丙烯酸酯	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluorooctane sulfon halides</i> 全氟辛烷磺化卤化物	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluorooctane sulfon polymers</i> 全氟辛烷磺化聚合物	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		



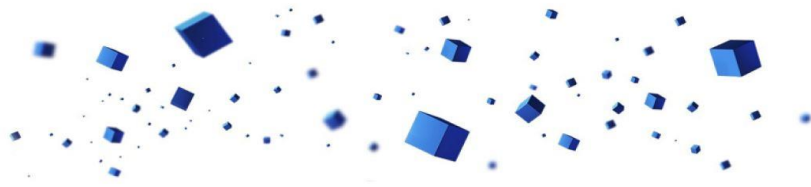
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)							
<i>Perfluoroalkyl sulfonic acid and its derivatives - F(CF2)n [n>8]</i> 全氟烷基磺酸及其衍生物 F(CF2)n [n>8]	Several 多个	All 全部	Usage ban 禁用				Usage ban 100 µg/kg for every allocated group 每个相应组别：禁用 100 µg/kg
<i>Perfluoroalkyl sulfonic acid and its salts - F(CF2)n [n>8]</i> 全氟烷基磺酸及其盐 F(CF2)n [n>8]	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Perfluoroalkyl sulfon amides - F(CF2)n [n>8]</i> 全氟烷基磺酰胺 F(CF2)n [n>8]	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluoroalkyl sulfon amidoethanols - F(CF2)n [n>8]</i> 全氟烷基磺酰胺乙醇 F(CF2)n [n>8]	Several 多个	All 全部	Usage ban 禁用	100	µg/kg	LC-MS // (non-volatile) GC-MS // (volatile) LC-MS // (非挥发性) GC-MS // (挥发性)	
<i>Perfluoroalkyl sulfon amidoethyl (meth)acrylates - F(CF2)n [n>8]</i> 全氟烷基磺酰胺基(甲基)丙烯酸酯 F(CF2)n [n>8]	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluoroalkyl sulfon halides - F(CF2)n [n>8]</i> 全氟烷基磺化卤化物 F(CF2)n [n>8]	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		
<i>Perfluoroalkyl sulfon polymers - F(CF2)n [n>8]</i> 全氟烷基磺化聚合物 F(CF2)n [n>8]	Several 多个	All 全部	Usage ban 禁用	100	µg/kg		



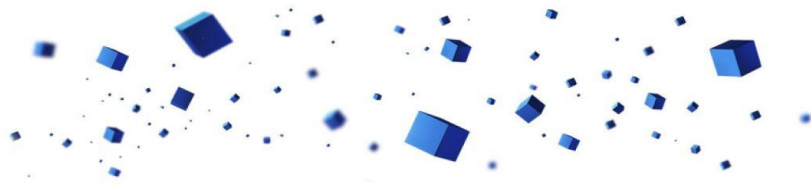
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)							
<i>Perfluorobutanoic acid and its salts</i> 全氟丁酸和其盐	Several 多个	All 全部	Usage ban 禁用	1000	µg/kg	LC-MS // (non-volatile) GC-MS // (volatile) LC-MS // (非挥发性) GC-MS // (挥发性)	For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Perfluorohexanoic acid and its salts</i> 全氟己酸和其盐	Several 多个	All 全部	Usage ban 禁用	25	µg/kg		
<i>Perfluoroheptanoic acid and its salts</i> 全氟庚酸和其盐	Several 多个	All 全部	Usage ban 禁用	2000	µg/kg		
<i>Perfluorooctanoic acid and its salts</i> 全氟辛酸及其盐	Several 多个	All 全部	Usage ban 禁用	25	µg/kg		
<i>Perfluorocarboxylic acids (C9-C14) and its salts</i> 全氟羧酸及其盐	Several 多个	All 全部	Usage ban 禁用	25	µg/kg		For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Perfluorobutanoic acid related substances</i> 全氟丁酸和相关物质	Several 多个	All 全部	Usage ban 禁用	1000	µg/kg		For sum of PFBA related substances. PFBA 相关物质的总和
<i>Perfluorohexanoic acid related substances</i> 全氟己酸相关物质	Several 多个	All 全部	Usage ban 禁用	1000	µg/kg		For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Perfluorooctanoic acid related substances</i> 全氟辛酸相关物质	Several 多个	All 全部	Usage ban 禁用	1000	µg/kg		
<i>Perfluorocarboxylic acid (C9-C14) related substances</i> 全氟羧酸和相关物质	Several 多个	All 全部	Usage ban 禁用	260	µg/kg		
<i>Perfluoroalkyl compounds, branched</i> 全氟烷基物质, 支链	Several 多个						
<i>2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides</i> 2,3,3,3-四氟-2-(七氟丙氧基)丙酸, 其盐类及其酰卤化物	Several 多个	All 全部	Usage ban 禁用	2000	µg/kg	LC-MS // (non-volatile) GC-MS // (volatile) LC-MS // (非挥发性) GC-MS // (挥发性)	For sum of all Members/Substances. 适用所有组别成员/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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Plasticizers 塑化剂							
<i>Phthalic acid esters</i> 邻苯二甲酸酯	Several 多个	All 全部	Usage ban 禁用	250	mg/kg	GC-MS // with reference to EN ISO 14389 (2014) GC-MS // 参考 EN ISO 14389 (2014)	For sum of all allocated phthalic acid esters. 邻苯二甲酸酯总和
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	All 全部	Usage ban 禁用	10	mg/kg		
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	All 全部	Usage ban 禁用	10	mg/kg		
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	All 全部	Usage ban 禁用	10	mg/kg		
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	All 全部	Usage ban 禁用	10	mg/kg		
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	All 全部	Usage ban 禁用	10	mg/kg		



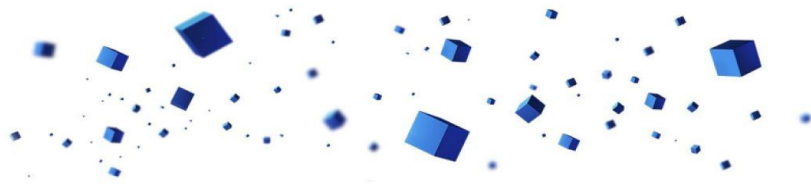
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Plasticizers 塑化剂							
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters 邻苯二甲酸二(C6-10)烷基酯或混癸基, 己基, 辛基酯	Several 多个	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN ISO 14389 (2014) GC-MS // 参考 EN ISO 14389 (2014)	
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(癸基, 己基, 辛基)酯	68648-93-1						
Bis-(2-methoxyethyl) phthalate - (DMEP) 邻苯二甲酸二甲氧乙酯 (DMEP)	117-82-8	All 全部	Usage ban 禁用	10	mg/kg		
Butylbenzyl phthalate - (BBP) 邻苯二甲酸丁苄酯 (BBP)	85-68-7	All 全部	Usage ban 禁用	10	mg/kg		
Dimethyl phthalate - (DMP) 邻苯二甲酸二甲酯 (DMP)	131-11-3	All 全部	Usage ban 禁用	10	mg/kg		
Diethyl phthalate - (DEP) 邻苯二甲酸二乙酯 (DEP)	84-66-2	All 全部	Usage ban 禁用	10	mg/kg		
Di-n-propyl phthalate - (DPRP) 邻苯二甲酸二丙酯 (DPRP)	131-16-8	All 全部	Usage ban 禁用	10	mg/kg		
Dibutyl phthalate - (DBP) 邻苯二甲酸二丁酯 (DBP)	84-74-2	All 全部	Usage ban 禁用	10	mg/kg		



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Plasticizers 塑化剂							
Di-iso-butyl phthalate - (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	84-69-5	All 全部	Usage ban 禁用	10	mg/kg	GC-MS // with reference to EN ISO 14389 (2014) GC-MS // 参考 EN ISO 14389 (2014)	
Di-n-pentyl phthalate - (DnPP) 邻苯二甲酸二戊酯 (DnPP)	131-18-0	All 全部	Usage ban 禁用	10	mg/kg		
Di-iso-pentyl phthalate - (DIPP) 邻苯二甲酸二异戊酯 (DIPP)	605-50-5	All 全部	Usage ban 禁用	10	mg/kg		
n-Pentyl-isopentyl phthalate 正戊基异戊基邻苯二甲酸酯	776297-69-9	All 全部	Usage ban 禁用	10	mg/kg		
Di-n-hexyl phthalate - (DnHP) 邻苯二甲酸二己酯 (DnHP)	84-75-3	All 全部	Usage ban 禁用	10	mg/kg		
Di-cyclohexyl phthalate - (DCHP) 邻苯二甲酸二环己酯 (DCHP)	84-61-7	All 全部	Usage ban 禁用	10	mg/kg		
Di-iso-hexyl phthalate - (DIHxP) 邻苯二甲酸二异己酯 (DIHxP)	71850-09-4	All 全部	Usage ban 禁用	10	mg/kg		
Di-n-octyl phthalate - (DnOP) 邻苯二甲酸二辛酯 (DnOP)	117-84-0	All 全部	Usage ban 禁用	10	mg/kg		
Di-iso-octyl phthalate - (DIOP) 邻苯二甲酸二异辛酯 (DIOP)	27554-26-3	All 全部	Usage ban 禁用	10	mg/kg		
Diethylhexyl phthalate - (DEHP) 邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	All 全部	Usage ban 禁用	10	mg/kg		
Dinonyl phthalate - (DNP) 邻苯二甲酸二壬酯 (DNP)	84-76-4	All 全部	Usage ban 禁用	10	mg/kg		



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Plasticizers 塑化剂							
<i>Di-iso-nonyl phthalate - (DINP)</i> 邻苯二甲酸二异壬酯 (DINP)	Several 多个	All 全部	Usage ban 禁用	10	mg/kg		
Di-iso-nonyl phthalate - polygas based 邻苯二甲酸二异壬酯	28553-12-0						
Di-iso-nonyl phthalate - iso & n-Butene based 邻苯二甲酸二异壬酯	68515-48-0						
<i>Di-iso-decyl phthalate - (DIDP)</i> 邻苯二甲酸二异癸酯 (DIDP)	Several 多个	All 全部	Usage ban 禁用	10	mg/kg		
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						



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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	100	mg/kg		for sum of all allocated Members/Substances 适用所有组别成员/物质总和
Benzo(a)pyrene 苯并(a)芘	50-32-8	All 全部	Usage ban 禁用	1	mg/kg		
Benzo(e)pyrene 苯并(e)芘	192-97-2	All 全部	Usage ban 禁用	5	mg/kg		
Benzo(a)anthracene 苯并(a)蒽	56-55-3	All 全部	Usage ban 禁用	5	mg/kg		
Benzo(b)fluoroanthene 苯并(b)荧蒽	205-99-2	All 全部	Usage ban 禁用	5	mg/kg		
Benzo(j)fluoroanthene 苯并(j)荧蒽	205-82-3	All 全部	Usage ban 禁用	5	mg/kg	With reference to EPA 8310 With reference to 8270D With reference to 8275A With reference to AFPS GS 2019	
Benzo(k)fluoroanthene 苯并(k)荧蒽	207-08-9	All 全部	Usage ban 禁用	5	mg/kg	参考 EPA 8310 参考 8270D 参考 8275A 参考 AFPS GS 2019	
Chrysene 蒽	218-01-9	All 全部	Usage ban 禁用	5	mg/kg		
Dibenzo(a,h)anthrene 二苯蒽	53-70-3	All 全部	Usage ban 禁用	5	mg/kg		
Dibenzo[def,p]chrysene 二苯并[def,p]蒽	191-30-0	All 全部	Usage ban 禁用	10	mg/kg		
Acenaphthene 芴	83-32-9						
Acenaphthylene 芴烯	208-96-8						
Anthracene 蒽	120-12-7						

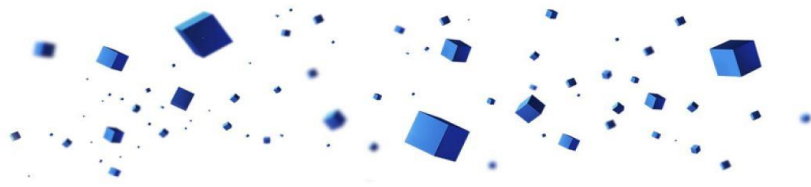
This document has been drafted in English and translated into Chinese for convenience only. In the event of discrepancy, the English version shall prevail.



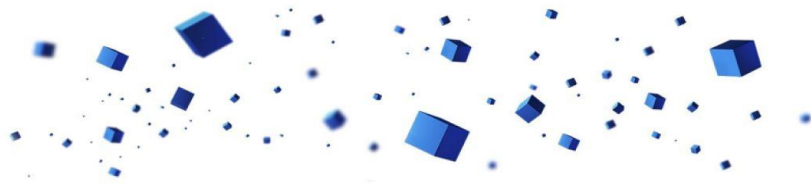
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Polyaromatic hydrocarbons (PAHs) 多环芳香烃							
Benzo[<i>rst</i>]pentaphene 苯并[<i>rst</i>]戊芬	189-55-9						
Benzo[<i>ghi</i>]perylene 苯并[<i>g,h,i</i>]芘	191-24-2						
Cyclopenta[<i>c,d</i>]pyrene 环戊[<i>cd</i>]芘	27208-37-3						
Dibenzo[<i>b,def</i>]chrysene 二苯并[<i>b,def</i>]蒽	189-64-0						
Fluoranthene 1,2-苯并芘	206-44-0						With reference to EPA 8310 With reference to 8270D With reference to 8275A With reference to AfPS GS 2019
Fluorene 芴	86-73-7						
Indeno[1,2,3- <i>cd</i>] pyrene 茛并[1,2,3- <i>cd</i>]芘	193-39-5						参考 EPA 8310 参考 8270D 参考 8275A 参考 AfPS GS 2019
Naphthalene 萘	91-20-3						
Naphtho[1,2,3,4- <i>def</i>]chrysene 萘[1,2,3,4- <i>def</i>]蒽	192-65-4						
Phenanthrene 菲	85-01-8						
Pyrene 芘	129-00-0						
Methylpyrene, 1- 1-甲基芘	2381-21-7						



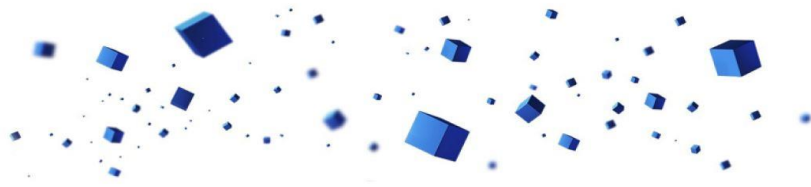
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Polymers 高分子聚合物							
Polyvinyl chloride 聚氯乙烯	9002-86-2	All 全部	Usage ban 禁用	500	mg/kg	Total chlorine (EN 14582) // FTIR (when chlorine detected) 总氯 (EN 14582) // FTIR (检测到氯时)	Exception valid for chemical products foreseen for usage range C: bluesign technologies reserves the right to make a single decision for special applications. 预计用于使用范围C类的化学产品例外: bluesign technologies 保留根据个别情况决定的权利
Polyvinyliden chloride 聚偏二氯乙烯树脂	9002-85-1	All 全部	Usage ban 禁用	500	mg/kg		



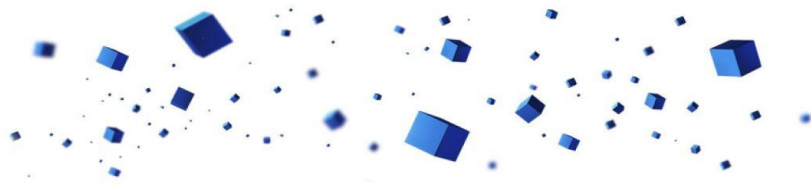
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Solvents 有机溶剂							
Benzene 苯	71-43-2	All 全部	Usage ban 禁用	50	mg/kg	GC-MS	
1,2-Dichloroethane 1,2-二氯乙烷	107-06-2	All 全部	Usage ban 禁用	5	mg/kg	GC-MS	Exception is valid for chemicals used in paint stripping process in closed systems 例外：在封闭系统内进行脱漆工艺时使用的化学品
Dichloromethane 二氯甲烷	75-09-2	All 全部	Usage ban 禁用	5	mg/kg		
N,N-Dimethylacetamide - (DMAc) N,N-二甲基乙酰胺 (DMAc)	127-19-5	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // with reference to ISO 16189 (2021)	Exception for chemicals for fiber manufacturing, solvent coating and laminating. See also: bluesign® Guidance Sheet CMR-Solvent Management. 例外：用于纤维制造·溶剂涂层和贴合的化学品 另见：bluesign® 指引文件 - 致癌/致突变性/生殖毒性(CMR) 溶剂管理
N,N-Dimethylformamide - (DMF) N,N-二甲基甲酰胺 (DMF)	68-12-2	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // 参考 ISO 16189 (2021)	Exception for chemicals for fiber manufacturing, solvent coating and laminating. See also: bluesign® Guidance Sheet CMR-Solvent Management. 例外：用于纤维制造·溶剂涂层和贴合的化学品 另见：bluesign® 指引文件 - 致癌/致突变性/生殖毒性(CMR) 溶剂管理



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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注	
Solvents 有机溶剂								
Hexachlorobutadiene 六氯丁二烯	87-68-3	All 全部	Usage ban 禁用	100	mg/kg	GC-MS		
2-Pyrrolidone 2-吡咯烷酮	616-45-5	All 全部	Usage ban 禁用	1000	mg/kg	LC-MS		
N-Ethyl-2-pyrrolidone - (NEP) N-乙基-2-吡咯烷酮 (NEP)	2687-91-4	All 全部	Usage ban 禁用	50	mg/kg	GC-MS // with reference to ISO 16189 (2021) GC-MS // 参考 ISO 16189 (2021)		
N-Methylpyrrolidone - (NMP) N-甲基吡咯烷酮 (NMP)	872-50-4	All 全部	Usage ban 禁用	50	mg/kg			
Tetrachloroethylene 四氯乙烯	127-18-4	All 全部	Usage ban 禁用	5	mg/kg	GC-MS	Exception is valid for chemicals used for dry cleaning in closed systems 例外：在密闭系统进行干洗工艺用的化学品	
Toluene 甲苯	108-88-3	All 全部	Usage ban 禁用	500	mg/kg		Exception: Limit not valid for solvent coating, laminating and painting/lacquering. See also: bluesign® Guidance Sheet CMR-Solvent Management. 例外：限值不适用于溶剂涂层·贴合和上漆/涂漆 另见：bluesign® 指引文件 - 致癌/致突变性/生殖毒性(CMR) 溶剂管理	
Trichloroethylene 三氯乙烯	79-01-6	All 全部	Usage ban 禁用	40	mg/kg			
Trichloromethane 三氯甲烷(氯仿)	67-66-3	All 全部	Usage ban 禁用	100	mg/kg			
1,2,3-Trichloropropane 1,2,3-三氯丙烷	96-18-4	All 全部	Usage ban 禁用	5	mg/kg			



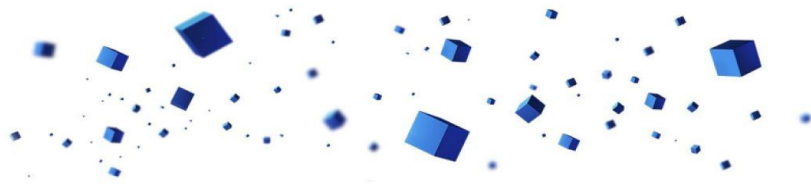
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Solvents 有机溶剂							
<i>Chlorinated ethanes, all isomers</i> 氯化代乙烷及其所有同分异构体	Several 多个	All 全部	Usage ban 禁用			GC-MS	Usage ban 10 mg/kg for every allocated Member/Substance 每个组别成员或物质:禁用 10 mg/kg
1,1,1-Trichloroethane 1,1,1-三氯乙烷	71-55-6	All 全部	Usage ban 禁用	10	mg/kg		is an Ozone Depleting Substance 是臭氧消耗物质
1,1,2-Trichloroethane 1,1,2-三氯乙烷	79-00-5	All 全部	Usage ban 禁用	10	mg/kg		
1,1,1,2-Tetrachloroethane 1,1,1,2-四氯乙烷	630-20-6	All 全部	Usage ban 禁用	10	mg/kg		
1,1,2,2-Tetrachloroethane 1,1,2,2-四氯乙烷	79-34-5	All 全部	Usage ban 禁用	10	mg/kg		
Pentachloroethane 五氯乙烷	76-01-7	All 全部	Usage ban 禁用	10	mg/kg		
Hexachloroethane 六氯乙烷	67-72-1	All 全部	Usage ban 禁用	10	mg/kg		
<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	500	mg/kg	GC-MS	Exception: Limit not valid for solvent coating, laminating and painting/lacquering 例外：限值不适用于溶剂涂层·贴合和上漆/涂漆
m-Xylene 间二甲苯	108-38-3						
o-Xylene 邻二甲苯	95-47-6						
p-Xylene 对二甲苯	106-42-3						



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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Substances with usage restrictions but no consumer safety limits 限用但没有限值的化学物质							
Bis(chloromethyl)ether 二氯甲基醚	542-88-1	All 全部	Usage ban 禁用	10	mg/kg	GC-MS	
1,3-Butadiene 1,3 丁二烯	106-99-0	All 全部	Usage ban 禁用	100	mg/kg	GC-MS // with reference to EN 13130-4 (2004) GC-MS // 参考 EN 13130-4 (2004)	
Ethylene oxide 环氧乙烷	75-21-8	All 全部	Usage ban 禁用	100	mg/kg	Headspace GC-FID // with reference to CEN/TS 13130-22 (2005)	
Propylene oxide 环氧丙烷	75-56-9	All 全部	Usage ban 禁用	100	mg/kg	顶空进样 GC-FID // 参考 CEN/TS 13130-22 (2005)	
Potassium permanganate 高锰酸钾	7722-64-7	All 全部	Usage ban 禁用	1000	mg/kg		Verification via Input stream management 通过输入流管理验证
<i>Di (hydrogenated tallow alkyl) dimethyl ammonium chloride</i> 双(氢化牛油烷基)二甲基氯化铵	61789-80-8	All 全部	Usage ban 禁用	200	mg/kg	LC	
<i>Distearyl dimethyl ammonium chloride</i> 双硬脂基二甲基氯化铵	107-64-2	All 全部	Usage ban 禁用	200	mg/kg		
<i>Ditallow dimethyl ammonium chloride</i> 双牛油基二甲基氯化铵	68783-78-8	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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Substances with usage restrictions but no consumer safety limits 限用但没有限值的化学物质							
<i>EDTA/DTPA and its salts</i> 乙二胺四乙酸/二乙烯三胺五乙酸 (EDTA/DTPA) 及其盐	Several 多个	All 全部					
Ethylenediaminetetraacetic acid dipotassium salt 乙二胺四乙酸二钾盐	25102-12-9 2001-94-7	All 全部	Monitoring 监控	1000	mg/kg	GC-MS // with reference to EN ISO 16588 (2004) GC-MS // 参考 EN ISO 16588 (2004)	Minimization requirement for all uses with exception of use as water softener in freshwater and process water preparation. Usage ban for use as water softener in freshwater and process water preparation. Verification via input stream management. 除在淡水和工艺用水制备中用作水软化剂外，所有用途的最小化要求。 禁止在淡水和工艺用水制备中用作水软化剂。 透过输入流管理进行验证。
Ethylenediaminetetraacetic acid magnesium disodium salt 乙二胺四乙酸二钠镁盐	14402-88-1	All 全部	Monitoring 监控	1000	mg/kg		
Ethylene diamine tetraacetic acid (EDTA), tetrasodium salt 乙二胺四乙酸 (EDTA) 及其四钠盐	10378-23-1 64-02-8	All 全部	Monitoring 监控	1000	mg/kg		
Trisodium hydrogen ethylenediaminetetraacetate 乙二胺四乙酸氢三钠	150-38-9	All 全部	Monitoring 监控	1000	mg/kg		
Ethylene diamine tetraacetic acid (EDTA), disodium salt 乙二胺四乙酸 (EDTA) 及其二钠盐	139-33-3 6381-92-6	All 全部	Monitoring 监控	1000	mg/kg		
Ethylenediaminetetraacetic acid tetraammonium salt 乙二胺四乙酸铵	22473-78-5	All 全部	Monitoring 监控	1000	mg/kg		
Diethylenetriaminepentaacetic acid - (DTPA) 二乙烯三胺五乙酸-(DTPA)	67-43-6	All 全部	Usage ban 禁用	1000	mg/kg		
Diethylene triamine pentaacetic acid (DTPA), sodium salt 二乙烯三胺五乙酸 (DTPA) 及其钠盐	140-01-2	All 全部	Usage ban 禁用	1000	mg/kg		



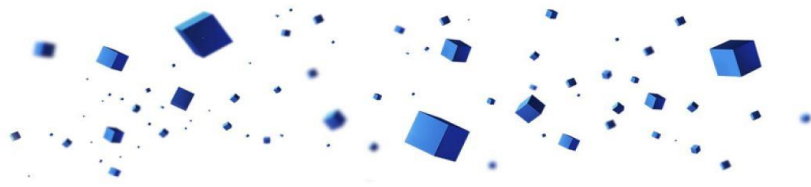
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Substances with usage restrictions but no consumer safety limits 限用但没有限值的化学物质							
<i>Hypochlorite/Chlorine</i> 次氯酸盐 / 氯	Several 多个	All 全部	Usage ban 禁用				Usage ban 100 mg/kg for every allocated Member/Substance Several exceptions are valid (see also Guidance sheet) Verification via Input stream management 单个组别成员/物质：禁用 100 mg/kg 有几个例外情况 (详见指引文件) 通过输入流管理验证
Calcium hypochlorite 次氯酸钙	7778-54-3	All 全部	Usage ban 禁用	100	mg/kg		Several exceptions are valid (see also Guidance sheet) Verification via Input stream management 有几个例外情况 (详见指引文件) 通过输入流管理进行验证
Sodium hypochlorite 次氯酸钠	7681-52-9	All 全部	Usage ban 禁用	100	mg/kg		
Chlorine 氯	7782-50-5	All 全部	Usage ban 禁用	100	mg/kg		
Sodium chlorite 亚氯酸钠	7758-19-2	All 全部	Usage ban 禁用	100	mg/kg		Exception is valid for chemicals for manufacturing of extra white synthetics for home textiles Verification via Input stream management 适用例外情况: 制造用于家用纺织品的超白合成材料的化学品 通过输入流管理进行验证



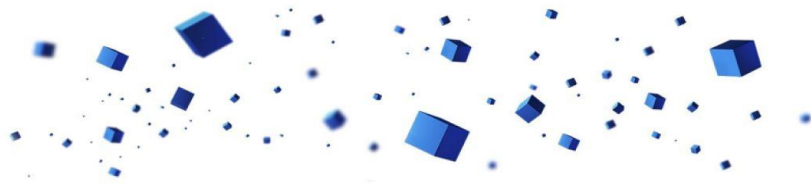
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Substances with usage restrictions but no consumer safety limits 限用但没有限值的化学物质							
<i>Phosphonates and salts</i> 磷酸酯及其盐	Several 多个	All 全部	Monitoring 监控				
Amino, tris(methylene phosphonic acid) 氨基三甲叉磷酸	6419-19-8	All 全部	Monitoring 监控	1000	mg/kg		<p>Minimization requirement for all uses with exception of use as water softener in freshwater and process water preparation.</p> <p>Usage ban for use as water softener in freshwater and process water preparation.</p> <p>Verification via input stream management</p> <p>除在淡水和工艺用水制备中用作水软化剂外，所有用途的最小化要求。</p> <p>禁止在淡水和工艺用水制备中用作水软化剂。</p> <p>透过输入流管理进行验证。</p>
Diethylenetriaminepenta(methylene phosphonic acid) 二乙烯三胺五甲叉磷酸	15827-60-8	All 全部	Monitoring 监控	1000	mg/kg		
Diethylenetriaminepenta(methylene phosphonic acid) sodium salt 二乙烯三胺五甲叉磷酸钠	22042-96-2	All 全部	Monitoring 监控	1000	mg/kg		
Ethylenediaminetetra(methylene phosphonic acid) 乙二胺四甲叉磷酸	1429-50-1	All 全部	Monitoring 监控	1000	mg/kg		
1-Hydroxyethane-1,1- diphosphonic acid 羟基乙叉二磷酸	2809-21-4	All 全部	Monitoring 监控	1000	mg/kg		
1-Hydroxyethane-1,1- diphosphonic acid disodium salt 1-羟基乙烷-1,1-二磷酸二钠盐	7414-83-7 29329-71-3	All 全部	Monitoring 监控	1000	mg/kg		
1-Hydroxyethane-1,1- diphosphonic acid potassium salt 羟基乙叉二磷酸钾盐	67953-76-8	All 全部	Monitoring 监控	1000	mg/kg		



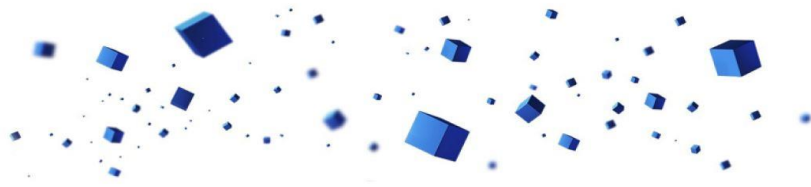
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Tin-organic Compounds 有机锡化合物							
<i>Methyltin compounds</i> 甲基锡化合物	Several 多个						
<i>Monomethyltin compounds - (MMT)</i> 单甲基锡化合物 (MMT)	Several 多个	All 全部	Usage ban 禁用	5	mg/kg	GC-MS // with reference to CEN ISO/TS 16179 (2012) GC-MS // 参考 CEN ISO/TS 16179 (2012)	For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Dimethyltin compounds - (DMT)</i> 二甲基锡化合物 (DMT)	Several 多个	All 全部	Usage ban 禁用	1	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	1	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	mg/kg	GC-MS // with reference to CEN ISO/TS 16179 (2012) GC-MS // 参考 CEN ISO/TS 16179 (2012)	For sum of all Members/Substances. 适用所有组别成员/物质总和
<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	5	mg/kg	GC-MS // with reference to CEN ISO/TS 16179 (2012) GC-MS // 参考 CEN ISO/TS 16179 (2012)	For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Tripropyltin compounds - (TPT)</i> 三丙基锡化合物 (TPT)	Several 多个	All 全部	Usage ban 禁用	1	mg/kg		



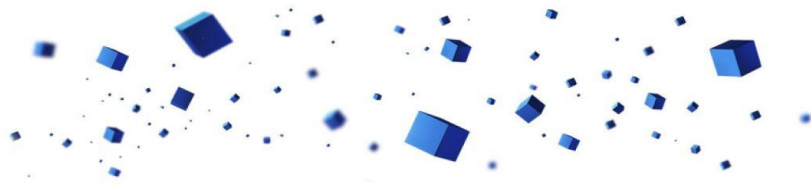
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Tin-organic Compounds 有机锡化合物							
<i>Butyltin compounds</i> 丁基锡化合物	Several 多个						
<i>Monobutyltin compounds - (MBT)</i> 单丁基锡化合物 (MBT)	Several 多个	All 全部	Usage ban 禁用	5	mg/kg	GC-MS // with reference to CEN ISO/TS 16179 (2012) GC-MS // 参考 CEN ISO/TS 16179 (2012)	For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Dibutyltin compounds - (DBT)</i> 二丁基锡化合物 (DBT)	Several 多个	All 全部	Usage ban 禁用	5	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	1	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	1	mg/kg		
<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	1	mg/kg	GC-MS // with reference to CEN ISO/TS 16179 (2012) GC-MS // 参考 CEN ISO/TS 16179 (2012)	For sum of all Members/Substances. 适用所有组别成员/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	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
Tin-organic Compounds 有机锡化合物							
<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	5	mg/kg	GC-MS // with reference to CEN ISO/TS 16179 (2012) GC-MS // 参考 CEN ISO/TS 16179 (2012)	For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Diocyltin compounds - (DOT)</i> 二辛基锡化合物 (DOT)	Several 多个	All 全部	Usage ban 禁用	5	mg/kg		
<i>Triocyltin compounds - (TOT)</i> 三辛基锡化合物 (TOT)	Several 多个	All 全部	Usage ban 禁用	1	mg/kg		
<i>Tetraocyltin compounds - (TeOT)</i> 四正辛基锡化合物 (TeOT)	Several 多个	All 全部	Usage ban 禁用	1	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	5	mg/kg	GC-MS // with reference to CEN ISO/TS 16179 (2012) GC-MS // 参考 CEN ISO/TS 16179 (2012)	For sum of all Members/Substances. 适用所有组别成员/物质总和
<i>Diphenyltin compounds - (DPhT)</i> 二苯锡化合物 (DPhT)	Several 多个	All 全部	Usage ban 禁用	5	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	1	mg/kg		



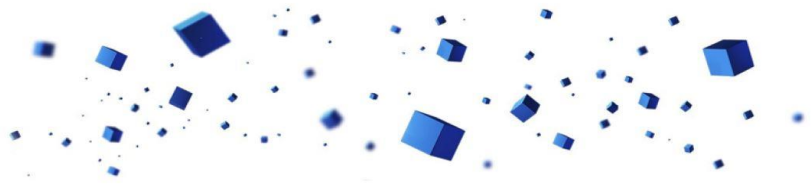
Chemical Name 化学物质	CAS Number 化学品文摘号	Sector Of Use 使用范围	Limit type 限制类型	Value 阈值	Unit 单位	Test Method 测试方法	Comment 备注
UV stabilizers 紫外线稳定剂							
UV-320	3846-71-7	All 全部	Usage ban 禁用	1000	mg/kg	GC-MS	
UV-326	3896-11-5	All 全部	Usage ban 禁用	1000	mg/kg		
UV-327	3864-99-1	All 全部	Usage ban 禁用	1000	mg/kg		
UV-328	25973-55-1	All 全部	Usage ban 禁用	1000	mg/kg		
UV-329	3147-75-9	All 全部	Usage ban 禁用	1000	mg/kg		
UV-350	36437-37-3	All 全部	Usage ban 禁用	1000	mg/kg		



7 Annex I Compilation of Individual Substances 附录I 各类别的限用物质汇总清单

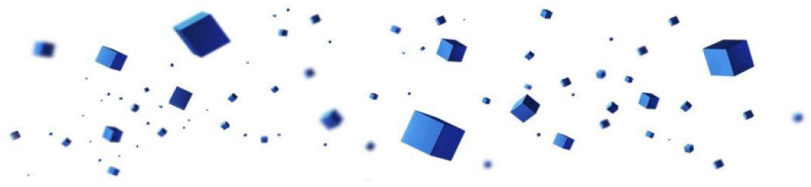
The tables from Annex I list individual substances that belong to the following substance groups:
本附录按照如下分别列出各物质组别内的限用物质清单:

• Alkylphenolethoxylates (APEOs) 烷基酚聚氧乙烯醚 (APEOs)		
• Alkylphenols (APs) 烷基酚 (APs)		
• Arylamines 芳香胺		
• Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类		
• Colorants 着色剂		
• Dioxins and Furans 二噁英及呋喃		
• Enzymes 酶		
• Flame Retardants 阻燃剂		
• Greenhouse Gases, fluorinated 含氟温室气体		
• Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes 卤化代联苯 · 卤化代三联苯和卤化代萘		
• Metals 金属		
• Other Chemical Substances 其他化学物质		
• Ozone Depleting Substances (according to Regulation (EC) No 1005/2009) 臭氧消耗物质 (根据法规 (EC) No. 1005/2009)		
• PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)		
• Tin-Organic Compounds 有机锡化合物		
Threshold limit values and test methods for the substance groups are provided in section 6. 阈值及其测试方法请见第6节。		



Chemical Name 化学物质	CAS Number 化学品文摘号
Alkylphenoethoxylates (APEOs) 烷基酚聚氧乙烯醚 (APEOs)	
<i>Nonylphenol ethoxylates (NPEO)</i> 壬基酚聚氧乙烯醚	Several 多个
<i>Isononylphenol, ethoxylated</i> 异壬基酚聚氧乙烯醚	37205-87-1
Isononylphenol, ethoxylated - ≥ 2.5 - < 5 EO 异壬基酚聚氧乙烯醚 $\geq 2.5 < 5$ EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 5 - < 8 EO 异壬基酚聚氧乙烯醚 $\geq 5 < 8$ EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 8 - < 11 EO 异壬基酚聚氧乙烯醚 $\geq 8 < 11$ EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 11 - < 15 EO 异壬基酚聚氧乙烯醚 $\geq 11 < 15$ EO	37205-87-1
Isononylphenol, ethoxylated - ≥ 15 - < 30 EO 异壬基酚聚氧乙烯醚 $\geq 15 < 30$ EO	37205-87-1
Isononylphenol, ethoxylated - 30 EO 异壬基酚聚氧乙烯醚 30 EO	37205-87-1
Isononylphenol, ethoxylated - > 30 EO 异壬基酚聚氧乙烯醚 > 30 EO	37205-87-1
<i>Nonylphenol, ethoxylated</i> 壬基酚聚氧乙烯醚	9016-45-9
Nonylphenol, ethoxylated - 15 EO 壬基酚聚氧乙烯醚 15 EO	9016-45-9
Nonylphenol, ethoxylated - 10 EO 壬基酚聚氧乙烯醚 10 EO	9016-45-9
Nonylphenol, ethoxylated - 8 EO 壬基酚聚氧乙烯醚 8 EO	9016-45-9
Nonylphenol, ethoxylated - 6.5 EO 壬基酚聚氧乙烯醚 6.5 EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 2.5 - < 5 EO 壬基酚聚氧乙烯醚 $\geq 2.5 < 5$ EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 5 - < 8 EO 壬基酚聚氧乙烯醚 $\geq 5 < 8$ EO	9016-45-9

Chemical Name 化学物质	CAS Number 化学品文摘号
Nonylphenol, ethoxylated - ≥ 8 - < 11 EO 壬基酚聚氧乙烯醚 $\geq 8 < 11$ EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 11 - < 15 EO 壬基酚聚氧乙烯醚 $\geq 11 < 15$ EO	9016-45-9
Nonylphenol, ethoxylated - ≥ 15 - < 30 EO 壬基酚聚氧乙烯醚 $\geq 15 < 30$ EO	9016-45-9
Nonylphenol, ethoxylated - 30 EO 壬基酚聚氧乙烯醚 - 30 EO	9016-45-9
Nonylphenol, ethoxylated - > 30 EO 壬基酚聚氧乙烯醚 > 30 EO	9016-45-9
Nonylphenol, ethoxylated - 4 EO 壬基酚聚氧乙烯醚 - 4 EO	9016-45-9
26-(Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol 26-(壬基苯氧基)-3,6,9,12,15,18,21,24-八氧二十六醇	26571-11-9
<i>Nonylphenol, branched, ethoxylated</i> 壬基酚聚氧乙烯醚·支链	68412-54-4
Nonylphenol, branched, ethoxylated - 1 - 2.5 EO 壬基酚聚氧乙烯醚·支链 1 - 2.5 EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 2.5 - < 5 EO 壬基酚聚氧乙烯醚·支链 $\geq 2.5 < 5$ EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 5 - < 8 EO 壬基酚聚氧乙烯醚·支链 $\geq 5 < 8$ EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 8 - < 11 EO 壬基酚聚氧乙烯醚·支链 $\geq 8 < 11$ EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 11 - < 15 EO 壬基酚聚氧乙烯醚·支链 $\geq 11 < 15$ EO	68412-54-4
Nonylphenol, branched, ethoxylated - ≥ 15 - < 30 EO 壬基酚聚氧乙烯醚·支链 $\geq 15 < 30$ EO	68412-54-4
Nonylphenol, branched, ethoxylated - 30 EO 壬基酚聚氧乙烯醚·支链 - 30 EO	68412-54-4
Nonylphenol, branched, ethoxylated - > 30 EO 壬基酚聚氧乙烯醚·支链 > 30 EO	68412-54-4
<i>Nonylphenol, branched, ethoxylated, phosphated</i> 乙氧基壬基酚磷酸酯·支链	68412-53-3



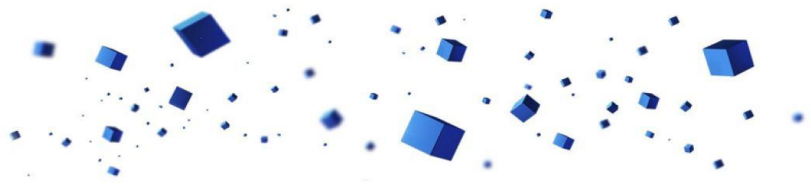
Chemical Name 化学物质	CAS Number 化学品文摘号
Polyoxy-1,2-ethanediyl, α -nonylphenyl- ω -hydroxy-, branched, phosphates - ≥ 6 - ≤ 12 EO 乙氧基壬基酚磷酸酯·支链, $\geq 6 \leq 12$ EO	68412-53-3
Polyoxy-1,2-ethanediyl, α -nonylphenyl- ω -hydroxy-, branched, phosphates - > 12 EO 乙氧基壬基酚磷酸酯·支链 > 12 EO	68412-53-3
<i>4-Nonylphenol, ethoxylated</i> 4-壬基酚聚氧乙烯醚	26027-38-3
4-Nonylphenol, ethoxylated - 1 - 2.5 EO 4-壬基酚聚氧乙烯醚 1 - 2.5 EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 2.5 - < 5 EO 4-壬基酚聚氧乙烯醚 $\geq 2.5 < 5$ EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 5 - < 8 EO 4-壬基酚聚氧乙烯醚 $\geq 5 < 8$ EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 8 - < 11 EO 4-壬基酚聚氧乙烯醚 $\geq 8 < 11$ EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 11 - < 15 EO 4-壬基酚聚氧乙烯醚 $\geq 11 < 15$ EO	26027-38-3
4-Nonylphenol, ethoxylated - ≥ 15 - < 30 EO 4-壬基酚聚氧乙烯醚 $\geq 15 < 30$ EO	26027-38-3
4-Nonylphenol, ethoxylated - 30 EO 4-壬基酚聚氧乙烯醚 - 30 EO	26027-38-3
4-Nonylphenol, ethoxylated - > 30 EO 4-壬基酚聚氧乙烯醚 > 30 EO	26027-38-3
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol 26-(4-壬基苯氧基)-3,6,9,12,15,18,21,24-八氧二十六醇	14409-72-4
<i>4-Nonylphenol, branched, ethoxylated</i> 4-壬基酚聚氧乙烯醚	127087-87-0
4-Nonylphenol, branched, ethoxylated - 1 - 2.5 EO 4-壬基酚聚氧乙烯醚·支链 1 - 2.5 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 2.5 - < 5 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 2.5 < 5$ EO	127087-87-0
2-[2-[2-[2-(4-Nonylphenoxy) ethoxy] ethoxy] ethoxy] ethanol 2-[2-[2-[2-(4-壬基苯氧基)乙氧基]乙氧基]乙氧基]乙醇	7311-27-5

Chemical Name 化学物质	CAS Number 化学品文摘号
4-Nonylphenol, branched, ethoxylated - ≥ 5 - < 8 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 5 < 8$ EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 8 - < 11 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 8 < 11$ EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 11 - < 15 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 11 < 15$ EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - ≥ 15 - < 30 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 15 < 30$ EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - 30 EO 4-壬基酚聚氧乙烯醚·支链 30 EO	127087-87-0
4-Nonylphenol, branched, ethoxylated - > 30 EO 4-壬基酚聚氧乙烯醚·支链 > 30 EO	127087-87-0
2-[2-[4-(3,6-Dimethylheptan-3-yl) phenoxy]ethoxy] ethanol 2-[2-[4-(3,6-二甲基庚烷-3-基)苯氧基]乙氧基]乙醇	1119449-38-5
<i>4-Nonylphenol, branched and linear, ethoxylated</i> 乙氧基4-壬基酚·支链和直链	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 2.5 - < 5 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 2.5 < 5$ EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 5 - < 8 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 5 < 8$ EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 8 - < 11 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 8 < 11$ EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 11 - < 15 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 11 < 15$ EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - ≥ 15 - < 30 EO 4-壬基酚聚氧乙烯醚·支链 $\geq 15 < 30$ EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - 30 EO 4-壬基酚聚氧乙烯醚·支链和直链 30 EO	1442463-06-0
4-Nonylphenol, branched and linear, ethoxylated - > 30 EO 4-壬基酚聚氧乙烯醚·支链和直链 > 30 EO	1442463-06-0
tert-Octylphenol, ethoxylated - > 30 EO 叔-辛基酚聚氧乙烯醚 > 30 EO	9036-19-5



Chemical Name 化学物质	CAS Number 化学品文摘号
20-(4-Nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol 20-(4-壬基苯氧基)-3,6,9,12,15,18-六二十烷醇	27942-27-4
2-[2-(4-Nonylphenoxy) ethoxy] ethanol 2-[2-(4-壬基苯氧基)乙氧基]乙醇	20427-84-3
2-[4-(3,6-Dimethylheptan-3-yl) phenoxy] ethanol 2-[4-(3,6-二甲基庚烷-3-基)苯氧基]乙醇	1119449-37-4
<i>Octylphenol ethoxylates (OPEO)</i> 辛基酚聚氧乙烯醚	Several 多个
<i>Octylphenol branched, ethoxylated</i> 辛基酚聚氧乙烯醚·支链	68987-90-6
Octylphenol branched, ethoxylated - 9.5 EO 辛基酚聚氧乙烯醚·支链 9.5 EO	68987-90-6
<i>tert-Octylphenol, ethoxylated</i> 叔-辛基酚聚氧乙烯醚	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 2.5 - < 5 EO 叔-辛基酚聚氧乙烯醚 $\geq 2.5 < 5$ EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 5 - < 8 EO 叔-辛基酚聚氧乙烯醚 $\geq 5 < 8$ EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 8 - < 11 EO 叔-辛基酚聚氧乙烯醚 $\geq 8 < 11$ EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 11 - < 15 EO 叔-辛基酚聚氧乙烯醚 $\geq 11 < 15$ EO	9036-19-5
tert-Octylphenol, ethoxylated - ≥ 15 - < 30 EO 叔-辛基酚聚氧乙烯醚 $\geq 15 < 30$ EO	9036-19-5
tert-Octylphenol, ethoxylated - 30 EO 叔-辛基酚聚氧乙烯醚 30 EO	9036-19-5

Chemical Name 化学物质	CAS Number 化学品文摘号
<i>4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues</i> <i>4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基化合物</i> 涵盖明确定义的物质和 UVCB 物质、聚合物和同系物	Several 多个
20-[4-(1,1,3,3-Tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol 20-[4-(1,1,3,3-四甲基丁基)苯氧基]-3,6,9,12,15,18-六二十烷醇	2497-59-8
4-tert-Octylphenol monoethoxylate 4-叔辛基苯酚单乙氧基化物	2315-67-5
4-tert-Octylphenol diethoxylate 4-叔辛基苯酚二乙氧基化物	2315-61-9
<i>4-tert-Octylphenol, ethoxylated</i> <i>4-叔-辛基酚聚氧乙烯醚</i>	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 2.5 - < 5 EO 4-叔-辛基酚聚氧乙烯醚 $\geq 2.5 < 5$ EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 5 - < 8 EO 4-叔-辛基酚聚氧乙烯醚 $\geq 5 < 8$ EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 8 - < 11 EO 4-叔-辛基酚聚氧乙烯醚 $\geq 8 < 11$ EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 11 - < 15 EO 4-叔-辛基酚聚氧乙烯醚 $\geq 11 < 15$ EO	9002-93-1
4-tert-Octylphenol, ethoxylated - ≥ 15 - < 30 EO 4-叔-辛基酚聚氧乙烯醚 $\geq 15 < 30$ EO	9002-93-1
4-tert-Octylphenol, ethoxylated - 30 EO 4-叔-辛基酚聚氧乙烯醚 30 EO	9002-93-1
4-tert-Octylphenol, ethoxylated - > 30 EO 4-叔-辛基酚聚氧乙烯醚 > 30 EO	9002-93-1



Chemical Name 化学物质	CAS Number 化学品文摘号
Alkylphenols (APs) 烷基酚 (APs)	
<i>4-Heptylphenol, branched and linear</i> 4-庚基酚·支链和直链	Several 多个
4-Heptylphenol 4-庚基酚	1987-50-4
<i>Phenol, heptyl derivates</i> 庚基酚衍生物	72624-02-3
<i>Octylphenol (OP), mixed isomers</i> 辛基酚, 及其混合同分异构体	Several 多个
Octylphenol 辛基酚	27193-28-8
4-Octylphenol 4-辛基酚	1806-26-4
4-tert-Octylphenol 4-叔-辛基酚	140-66-9
<i>Nonylphenol (NP), mixed isomers</i> 壬基酚 (NP), 及其混合同分异构体	Several 多个
Phenol, nonyl-, branched 壬基酚·支链	90481-04-2
Nonylphenol, mixed isomers 壬基酚, 及其混合同分异构体	25154-52-3
Isononylphenol 异壬基酚	11066-49-2
<i>4-Nonylphenol, branched and linear</i> 4-壬基酚, 支链和直链	Several 多个
p-Nonylphenol 对壬基酚	104-40-5
4-(1-Ethyl-1-methylhexyl)phenol 4-(1-乙基-1-甲基己基)苯酚	52427-13-1
4-(3,6-Dimethyl-3-heptyl)phenol 4-(3,6-二甲基-3-庚基)苯酚	142731-63-3
4-(3,5-Dimethyl-3-heptyl)phenol 4-(3,5-二甲基-3-庚基)苯酚	186825-36-5

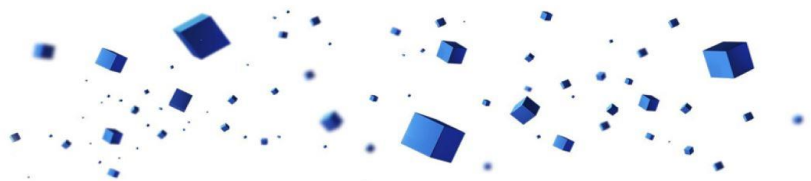
Chemical Name 化学物质	CAS Number 化学品文摘号
Phenol, 4-nonyl-, branched 4-壬基酚·支链	84852-15-3
p-(1,1-Dimethylheptyl)phenol 对-(1,1-二甲基庚基)苯酚	30784-30-6
p-(1-Methyloctyl)phenol 对-(1-甲基辛基)苯酚	17404-66-9
p-Isononylphenol 对异壬基酚	26543-97-5
4-(2,6-Dimethyl-2-heptyl)phenol 4-(2,6-二甲基-2-庚基)苯酚	521947-27-3
4-(3-Ethylheptan-2-yl)phenol 4-(3-乙基庚烷-2-基)苯酚	186825-39-8
Phenol, 4-tert-nonyl- 苯酚·4-叔壬基-	58865-77-3
Phenol, 4-(1,1,3-trimethylhexyl)- 苯酚·4-(1,1,3-三甲基己基)-	174305-83-0
Phenol, 4-(1,3-dimethyl-1-propylbutyl)- 苯酚·4-(1,3-二甲基-1-丙基丁基)-	142731-65-5
Phenol, 4-(1,2,5-trimethylhexyl)- 苯酚·4-(1,2,5-三甲基己基)-	142731-55-3
<i>Dodecylphenol, mixed isomers</i> 十二烷基苯酚·及其混合同分异构体	27193-86-8
Phenol, dodecyl-, branched 十二烷基苯酚·支链	121158-58-5
Phenol, 4-dodecyl-, branched 4-十二烷基苯酚·支链	210555-94-5
Phenol, 4-isododecyl 苯酚, 4-异十二烷基	27459-10-5 27147-75-7
Phenol, tetrapropylene 苯酚, 四丙烯	57427-55-1
Phenol, (tetrapropenyl) derivatives 苯酚, (四丙烯基) 衍生物	74499-35-7
Phenol, 4-dodecyl- 苯酚, 4-十二烷基	104-43-8



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-氨基偶氮甲苯及其盐	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-氨基偶氮苯及其盐	Several 多个
<i>p</i> -Aminoazobenzene 对氨基偶氮苯	60-09-3
<i>4</i> -Aminobiphenyl and its salts 4-氨基联苯及其盐	Several 多个
<i>4</i> -Aminobiphenyl 4-氨基联苯	92-67-1
<i>6</i> -Amino-2-ethoxynaphthalene and its salts 6-氨基-2-乙氧基萘及其盐	Several 多个
<i>6</i> -Amino-2-ethoxynaphthalene 6-氨基-2-乙氧基萘	293733-21-8
<i>4</i> -Amino-3-fluorophenol and its salts 4-氨基-3-氟苯酚及其盐	Several 多个
<i>4</i> -Amino-3-fluorophenol 4-氨基-3-氟苯酚	399-95-1
<i>4</i> -Chloroaniline and its salts 4-氯苯胺及其盐	Several 多个
<i>4</i> -Chloroaniline 4-氯苯胺	106-47-8
<i>2,4</i> -Diaminoanisole and its salts 2,4-二氨基苯甲醚及其盐	Several 多个
<i>2,4</i> -Diaminoanisole 2,4-二氨基苯甲醚	615-05-4
<i>2,4</i> -Diaminoanisole sulphate 2,4-二氨基苯甲醚磺酸盐	39156-41-7
<i>4,4'</i> -Diaminodiphenylmethane and its salts 4,4'-二氨基二苯甲烷及其盐	Several 多个
Benzidine, sulfate 联苯胺硫酸盐	21136-70-9

Chemical Name 化学物质	CAS Number 化学品文摘号
<i>4,4'</i> -Diaminodiphenylmethane 4,4'-二氨基二苯甲烷	101-77-9
<i>2,4</i> -Diaminotoluene and its salts 2,4-二氨基甲苯及其盐	Several 多个
<i>2,4</i> -Diaminotoluene 2,4-二氨基甲苯	95-80-7
<i>4,4'</i> -Methylenebis-(2-chloraniline) and its salts 4,4'-亚甲基-双-(2-氯苯胺)及其盐	Several 多个
<i>4,4'</i> -Methylenebis-(2-chloraniline) 4,4'-亚甲基-双-(2-氯苯胺)	101-14-4
<i>2</i> -Naphthylamine and its salts 2-萘胺及其盐	Several 多个
<i>2</i> -Naphthylamine 2-萘胺	91-59-8
<i>2</i> -Naphthylammonium acetate 2-萘基醋酸铵	553-00-4
<i>Anisidines and its salts</i> 甲氧基苯胺及其盐	Several 多个
<i>2</i> -Anisidine and its salts 2-甲氧基苯胺及其盐	Several 多个
<i>2</i> -Anisidine 2-甲氧基苯胺	90-04-0
Anisidine (o-, p-isomers) 甲氧基苯胺 (邻- · 对-同分异构体)	29191-52-4
<i>Benzidines and its salts</i> 联苯胺及其盐	Several 多个
<i>Benzidine and its salts</i> 联苯胺及其盐	Several 多个
Benzidine 联苯胺	92-87-5
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
<i>m</i> -Toluidine 间甲苯胺	108-44-1

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Chemical Name 化学物质	CAS Number 化学品文摘号
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
<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

Chemical Name 化学物质	CAS Number 化学品文摘号
m-Toluidine hydrochloride 间甲苯胺盐酸盐	638-03-9
<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
4-Chloro-2-toluidine hydrochloride 4-氯邻甲苯胺盐酸盐	3165-93-3
<i>Trimethylanilines and its salts</i> 三甲基苯胺及其盐	Several 多个
<i>2,4,5-Trimethylaniline and its salts</i> 2,4,5-三甲基苯胺及其盐	Several 多个



Chemical Name 化学物质	CAS Number 化学品文摘号
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
<i>Xylidines and its salts</i> 二甲基苯胺及其盐	Several 多个
<i>2,4-Xylidine and its salts</i> 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
<i>2,6-Xylidine and its salts</i> 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
Chlorinated Benzenes and Toluenes 氯化代苯和氯化代甲苯类	
<i>Chlorinated Benzenes</i> 氯化代苯	Several 多个
Pentachlorobenzene 五氟苯	608-93-5
Hexachlorobenzene 六氟苯	118-74-1
<i>Dichlorobenzenes, all isomers</i> 二氟苯, 及所有同分异构体	Several 多个
1,2-Dichlorobenzene 1,2-二氟苯	95-50-1
1,3-Dichlorobenzene 1,3-二氟苯	541-73-1
1,4-Dichlorobenzene 1,4-二氟苯	106-46-7
<i>Trichlorobenzenes, all isomers</i> 三氟苯, 及所有同分异构体	Several 多个

Chemical Name 化学物质	CAS Number 化学品文摘号
1,2,3-Trichlorobenzene 1,2,3-三氟苯	87-61-6
1,2,4-Trichlorobenzene 1,2,4-三氟苯	120-82-1
1,3,5-Trichlorobenzene 1,3,5-三氟苯	108-70-3
<i>Tetrachlorobenzenes, all isomers</i> 四氟苯, 及所有同分异构体	Several 多个
1,2,3,4-Tetrachlorobenzene 1,2,3,4-四氟苯	634-66-2
1,2,3,5-Tetrachlorobenzene 1,2,3,5-四氟苯	634-90-2
1,2,4,5-Tetrachlorobenzene 1,2,4,5-四氟苯	95-94-3
<i>Chlorinated Toluenes</i> 氯化代甲苯	Several 多个
<i>Monochlorotoluenes, all isomers</i> 一氟甲苯, 及所有同分异构体	Several 多个
2-Chlorotoluene 2-氟甲苯	95-49-8
3-Chlorotoluene 3-氟甲苯	108-41-8
4-Chlorotoluene 4-氟甲苯	106-43-4
<i>Dichlorotoluenes, all isomers</i> 二氟甲苯, 及所有同分异构体	Several 多个
2,3-Dichlorotoluene 2,3-二氟甲苯	32768-54-0
2,4-Dichlorotoluene 2,4-二氟甲苯	95-73-8
2,5-Dichlorotoluene 2,5-二氟甲苯	19398-61-9



Chemical Name 化学物质	CAS Number 化学品文摘号
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
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

Chemical Name 化学物质	CAS Number 化学品文摘号
Colorants 着色剂	
<i>Colorants which can cleave in carcinogenic amines</i> 可裂解致癌芳香胺的着色剂	Several 多个
Acid Black 29 酸性黑 29	12217-14-0
Acid Black 94 酸性黑 94	6358-80-1
Acid Black 131 酸性黑 131	12219-01-1
Acid Black 132 酸性黑 132	12219-02-2
Acid Black 209 酸性黑 209	72827-68-0
Acid Black 232 酸性黑 232	
Acid Brown 415 酸性棕 415	97199-27-4
Acid Orange 45 酸性橙 45	2429-80-3
Acid Red 4 酸性红 4	5858-39-9
Acid Red 5 酸性红 5	5858-63-9
Acid Red 24 酸性红 24	5858-30-0
Acid Red 35 酸性红 35	6441-93-6
Acid Red 73 酸性红 73	5413-75-2
Acid Red 85 酸性红 85	3567-65-5



Chemical Name 化学物质	CAS Number 化学品文摘号
Acid Red 104 酸性红 104	8006-06-2
Acid Red 114 酸性红 114	6459-94-5
Acid Red 115 酸性红 115	6226-80-8
Acid Red 116 酸性红 116	6245-62-1
Acid Red 119:1 酸性红 119:1	90880-75-4
Acid Red 128 酸性红 128	6548-30-7
Acid Red 148 酸性红 148	6300-53-4
Acid Red 150 酸性红 150	6226-78-4
Acid Red 158 酸性红 158	8004-55-5
Acid Red 167 酸性红 167	61901-41-5
Acid Red 264 酸性红 264	6505-96-0
Acid Red 265 酸性红 265	6358-43-6
Acid Red 420 酸性红 420	
Acid Violet 12 酸性紫 12	6625-46-3
Basic Brown 4 碱性棕 4	8005-78-5
Basic Red 42 碱性红 42	12221-66-8
Basic Red 76 碱性红 76	68391-30-0

Chemical Name 化学物质	CAS Number 化学品文摘号
Basic Red 111 碱性红 111	113741-92-7
Basic Red 114 碱性红 114	
Basic Yellow 82 碱性黄 82	71872-38-3
Basic Yellow 103 碱性黄 103	
Direct Black 4 直接黑 4	25156-49-4
Direct Black 29 直接黑 29	25180-14-7
Direct Black 154 直接黑 154	54804-85-2
Direct Blue 1 直接蓝 1	2610-05-1
Direct Blue 2 直接蓝 2	2429-73-4
Direct Blue 3 直接蓝 3	2429-72-3
Direct Blue 8 直接蓝 8	2429-71-2
Direct Blue 9 直接蓝 9	6428-98-4
Direct Blue 10 直接蓝 10	4198-19-0
Direct Blue 14 直接蓝 14	72-57-1
Direct Blue 15 直接蓝 15	2429-74-5
Direct Blue 21 直接蓝 21	6420-09-3
Direct Blue 22 直接蓝 22	2586-57-4

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Chemical Name 化学物质	CAS Number 化学品文摘号
Direct Blue 25 直接蓝 25	25180-27-2
Direct Blue 35 直接蓝 35	6473-33-2
Direct Blue 53 直接蓝 53	314-13-6
Direct Blue 151 直接蓝 151	110735-25-6
Direct Blue 160 直接蓝 160	12222-02-5
Direct Blue 173 直接蓝 173	12235-72-2
Direct Blue 192 直接蓝 192	159202-76-3
Direct Blue 215 直接蓝 215	6771-80-8
Direct Blue 295 直接蓝 295	6420-22-0
Direct Blue 306 直接蓝 306	
Direct Brown 1 直接棕 1	3811-71-0
Direct Brown 1:2 直接棕 1:2	2586-58-5
Direct Brown 2 直接棕 2	25255-06-5
Direct Brown 6 直接棕 6	25180-39-6
Direct Brown 25 直接棕 25	33363-87-0
Direct Brown 27 直接棕 27	6360-29-8
Direct Brown 31 直接棕 31	25180-41-0

Chemical Name 化学物质	CAS Number 化学品文摘号
Direct Brown 33 直接棕 33	1324-87-4
Direct Brown 51 直接棕 51	4623-91-0
Direct Brown 59 直接棕 59	6247-51-4
Direct Brown 74 直接棕 74	8014-91-3
Direct Brown 79 直接棕 79	6483-77-8
Direct Brown 101 直接棕 101	3626-29-7
Direct Brown 154 直接棕 154	6360-54-9
Direct Brown 222 直接棕 222	64743-15-3
Direct Brown 223 直接棕 223	76930-14-8
Direct Green 1 直接绿 1	3626-28-6
Direct Green 6 直接绿 6	4335-09-5
Direct Green 8 直接绿 8	25180-47-6
Direct Green 8:1 直接绿 8:1	76012-70-9
Direct Green 85 直接绿 85	72390-60-4
Direct Orange 1 直接橙 1	54579-28-1
Direct Orange 6 直接橙 6	6637-88-3
Direct Orange 7 直接橙 7	2868-76-0

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本清单以英文编写，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。
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Chemical Name 化学物质	CAS Number 化学品文摘号
Direct Orange 8 直接橙 8	64083-59-6
Direct Orange 10 直接橙 10	6405-94-3
Direct Orange 108 直接橙 108	6358-79-8
Direct Red 1 直接红 1	25188-24-3
Direct Red 2 直接红 2	992-59-6
Direct Red 7 直接红 7	25188-28-7
Direct Red 10 直接红 10	25188-29-8
Direct Red 13 直接红 13	25188-30-1
Direct Red 17 直接红 17	25188-32-3
Direct Red 21 直接红 21	6406-01-5
Direct Red 22 直接红 22	6448-80-2
Direct Red 24 直接红 24	6420-44-6
Direct Red 26 直接红 26	3687-80-7
Direct Red 37 直接红 37	3530-19-6
Direct Red 39 直接红 39	6358-29-8
Direct Red 44 直接红 44	2302-97-8
Direct Red 46 直接红 46	6548-29-4

Chemical Name 化学物质	CAS Number 化学品文摘号
Direct Red 62 直接红 62	6420-43-5
Direct Red 67 直接红 67	6598-56-7
Direct Red 72 直接红 72	8005-64-9
Direct Violet 1 直接紫 1	25188-44-7
Direct Violet 4 直接紫 4	6472-95-3
Direct Violet 12 直接紫 12	2429-75-6
Direct Violet 13 直接紫 13	13478-92-7
Direct Violet 21 直接紫 21	25188-48-1
Direct Violet 22 直接紫 22	25329-82-2
Direct Yellow 24 直接黄 24	6486-29-9
Direct Yellow 48 直接黄 48	6459-97-8
Disperse Orange 60 分散橙 60	12270-44-9
Disperse Red 151 分散红 151	61968-47-6
Disperse Red 221 分散红 221	64426-35-3
Disperse Yellow 7 分散黄 7	6300-37-4
Disperse Yellow 56 分散黄 56	54077-16-6
Disperse Yellow 218 分散黄 218	83929-90-2



Chemical Name 化学物质	CAS Number 化学品文摘号
Mordant Red 57 媒介红 57	2429-84-7
Mordant Yellow 16 媒介黄 16	8003-87-0
Solvent Orange 7 溶剂橙 7	3118-97-6
Solvent Red 1 溶剂红 1	1229-55-6
Solvent Red 19 溶剂红 19	6368-72-5
Solvent Red 23 溶剂红 23	85-86-9
Solvent Red 24 溶剂红 24	85-83-6
Solvent Red 26 溶剂红 26	4477-79-6
Solvent Red 68 溶剂红 68	61813-90-9
Solvent Red 164 溶剂红 164	71819-51-7
Solvent Red 215 溶剂红 215	85203-90-3
Solvent Yellow 72 溶剂黄 72	61813-98-7
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
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
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

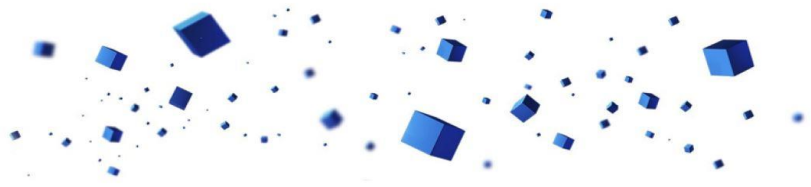
Chemical Name 化学物质	CAS Number 化学品文摘号
1,2,3,4,7,8,9-Heptachlorodibenzofuran 1,2,3,4,7,8,9-七氯代二苯并呋喃	55673-89-7
1,2,3,4,6,7,8,9-Octachlorodibenzofuran 1,2,3,4,6,7,8,9-八氯代二苯并呋喃	39001-02-0
<i>Dioxins and Furans - Group 1 and 2</i> 二噁英及呋喃 - 组别 1 & 2	Several 多个
<i>Dioxins and Furans - Group 1</i> 二噁英及呋喃 - 组别 1	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> 二噁英及呋喃 - 组别 2	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
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

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Chemical Name 化学物质	CAS Number 化学品文摘号
<i>Dioxins and Furans - Group 4 and 5</i> 二噁英及呋喃 - 组别 4 & 5	Several 多个
<i>Dioxins and Furans - Group 4</i> 二噁英及呋喃 - 组别 4	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> 二噁英及呋喃 - 组别 5	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
Enzymes 酶	
<i>Enzymes, industrial</i> 工业用酶	Several 多个
alpha-Amylase α-淀粉酶	9000-90-2
Cellulase 纤维素酶	9012-54-8
Laccase 漆酶	80498-15-3

Chemical Name 化学物质	CAS Number 化学品文摘号
Peroxidase 过氧化酶	9003-99-0
Subtilisins 枯草杆菌蛋白酶	1395-21-7
Subtilisin 枯草杆菌蛋白酶	9014-01-1
Flame retardants 阻燃剂	
<i>Chlorinated paraffins, all chain lengths</i> 氯化石蜡 · 所有链长	Several 多个
<i>Paraffin, C14-C17, chlorinated - (MCCP)</i> 中链氯化石蜡, C14-C17 (MCCP)	85535-85-9
Alkanes, C14-16, chloro 中链氯化石蜡 · 碳链长度 C14-16	1372804-76-6
Di-, tri- and tetrachlorotetradecane 中链氯化石蜡 · 二 · 三 · 四氯十四烷	
Tetradecane, chloro derivs. 中链氯化石蜡 · 十四烷氯化衍生物	198840-65-2
<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
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
β-Hexabromocyclododecane β-六溴环十二烷	134237-51-7
μ-Hexabromocyclododecane μ-六溴环十二烷	134237-52-8



Chemical Name 化学物质	CAS Number 化学品文摘号
Greenhouse Gases, fluorinated 含氟温室气体	
Sulphur hexafluoride 六氟化硫 (SF ₆)	2551-62-4
Perfluorocarbons 全氟化碳 (PFCs)	Several 多个
Perfluoro methane 四氟甲烷 (CF ₄)	75-73-0
Perfluoro ethane 六氟乙烷 (C ₂ F ₆)	76-16-4
Perfluoro propane 全氟丙烷 (C ₃ F ₈)	76-19-7
Perfluoro butane 全氟丁烷 (C ₄ F ₁₀)	355-25-9
Perfluoro pentane 全氟戊烷 (C ₅ F ₁₂)	678-26-2
Perfluoro hexane 全氟己烷 (C ₆ F ₁₄)	355-42-0
Perfluoro cyclobutane 全氟环己烷 (c-C ₄ F ₈)	115-25-3
Hydrofluorocarbons 氟代烷烃 (HFCs)	Several 多个
HFC-23	75-46-7
HFC-32	75-10-5
HFC-41	593-53-3
HFC-43-10mee	138495-42-8
HFC-125	354-33-6
HFC-134	359-35-3

Chemical Name 化学物质	CAS Number 化学品文摘号
HFC-134a	811-97-2
HFC-152	624-72-6
HFC-152a	75-37-6
HFC-143	430-66-0
HFC-143a	420-46-2
HFC-161	353-36-6
HFC-227ea	431-89-0
HFC-236cb	677-56-5
HFC-236ea	431-63-0
HFC-236fa	690-39-1
HFC-245ca	679-86-7
HFC-245fa	460-73-1
HFC-365mfc	406-58-6



Chemical Name 化学物质	CAS Number 化学品文摘号
Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes 卤化代联苯·卤化代三联苯和卤化代萘	
<i>Polychlorinated Biphenyls</i> 多氯联苯	1336-36-3
2-Chlorobiphenyl 2-氯联苯	2051-60-7
3-Chlorobiphenyl 3-氯联苯	2051-61-8
4-Chlorobiphenyl 4-氯联苯	2051-62-9
2,2'-Dichlorobiphenyl 2,2'-二氯联苯	13029-08-8
2,3-Dichlorobiphenyl 2,3-D二氯联苯	16605-91-7
2,3'-Dichlorobiphenyl 2,3'-二氯联苯	25569-80-6
2,4-Dichlorobiphenyl 2,4-二氯联苯	33284-50-3
2,4'-Dichlorobiphenyl 2,4'-二氯联苯	34883-43-7
2,5-Dichlorobiphenyl 2,5-二氯联苯	34883-39-1
2,6-Dichlorobiphenyl 2,6-二氯联苯	33146-45-1
3,3'-Dichlorobiphenyl 3,3'-二氯联苯	2050-67-1
3,4-Dichlorobiphenyl 3,4-二氯联苯	2974-92-7
3,4'-Dichlorobiphenyl 3,4'-二氯联苯	2974-90-5
3,5-Dichlorobiphenyl 3,5-二氯联苯	34883-41-5
4,4'-Dichlorobiphenyl 4,4'-二氯联苯	2050-68-2

Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',3-Trichlorobiphenyl 2,2',3-三氯联苯	38444-78-9
2,2',4-Trichlorobiphenyl 2,2',4-三氯联苯	37680-66-3
2,2',5-Trichlorobiphenyl 2,2',5-三氯联苯	37680-65-2
2,2',6-Trichlorobiphenyl 2,2',6-三氯联苯	38444-73-4
2,3,3'-Trichlorobiphenyl 2,3,3'-三氯联苯	38444-84-7
2,3,4-Trichlorobiphenyl 2,3,4-三氯联苯	55702-46-0
2,3,4'-Trichlorobiphenyl 2,3,4'-三氯联苯	38444-85-8
2,3,5-Trichlorobiphenyl 2,3,5-三氯联苯	55720-44-0
2,3,6-Trichlorobiphenyl 2,3,6-三氯联苯	55702-45-9
2,3',4-Trichlorobiphenyl 2,3',4-三氯联苯	55712-37-3
2,3',5-Trichlorobiphenyl 2,3',5-三氯联苯	38444-81-4
2,3',6-Trichlorobiphenyl 2,3',6-三氯联苯	38444-76-7
2,4,4'-Trichlorobiphenyl 2,4,4'-三氯联苯	7012-37-5
2,4,5-Trichlorobiphenyl 2,4,5-三氯联苯	15862-07-4
2,4,6-Trichlorobiphenyl 2,4,6-三氯联苯	35693-92-6
2,4',5-Trichlorobiphenyl 2,4',5-三氯联苯	16606-02-3
2,4',6-Trichlorobiphenyl 2,4',6-三氯联苯	38444-77-8

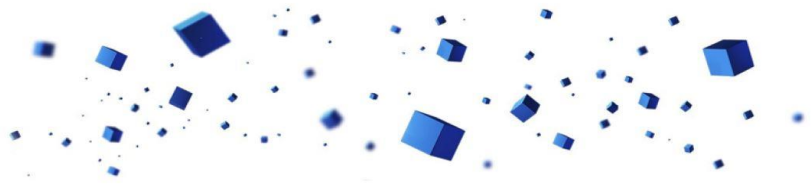
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Chemical Name 化学物质	CAS Number 化学品文摘号
2,3',4'-Trichlorobiphenyl 2,3',4'-三氯联苯	38444-86-9
2,3',5'-Trichlorobiphenyl 2,3',5'-三氯联苯	37680-68-5
3,3',4'-Trichlorobiphenyl 3,3',4'-三氯联苯	37680-69-6
3,3',5'-Trichlorobiphenyl 3,3',5'-三氯联苯	38444-87-0
3,4,4'-Trichlorobiphenyl 3,4,4'-三氯联苯	38444-90-5
3,4,5'-Trichlorobiphenyl 3,4,5'-三氯联苯	53555-66-1
3,4',5'-Trichlorobiphenyl 3,4',5'-三氯联苯	38444-88-1
2,2',3,3'-Tetrachlorobiphenyl 2,2',3,3'-四氯联苯	38444-93-8
2,2',3,4'-Tetrachlorobiphenyl 2,2',3,4'-四氯联苯	52663-59-9
2,2',3,4'-Tetrachlorobiphenyl 2,2',3,4'-四氯联苯	36559-22-5
2,2',3,5'-Tetrachlorobiphenyl 2,2',3,5'-四氯联苯	70362-46-8
2,2',3,5'-Tetrachlorobiphenyl 2,2',3,5'-四氯联苯	41464-39-5
2,2',3,6'-Tetrachlorobiphenyl 2,2',3,6'-四氯联苯	70362-45-7
2,2',3,6'-Tetrachlorobiphenyl 2,2',3,6'-四氯联苯	41464-47-5
2,2',4,4'-Tetrachlorobiphenyl 2,2',4,4'-四氯联苯	2437-79-8
2,2',4,5'-Tetrachlorobiphenyl 2,2',4,5'-四氯联苯	70362-47-9
2,2',4,5'-Tetrachlorobiphenyl 2,2',4,5'-四氯联苯	41464-40-8

Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',4,6'-Tetrachlorobiphenyl 2,2',4,6'-四氯联苯	62796-65-0
2,2',4,6'-Tetrachlorobiphenyl 2,2',4,6'-四氯联苯	68194-04-7
2,2',5,5'-Tetrachlorobiphenyl 2,2',5,5'-四氯联苯	35693-99-3
2,2',5,6'-Tetrachlorobiphenyl 2,2',5,6'-四氯联苯	41464-41-9
2,2',6,6'-Tetrachlorobiphenyl 2,2',6,6'-四氯联苯	15968-05-5
2,3,3',4'-Tetrachlorobiphenyl 2,3,3',4'-四氯联苯	74338-24-2
2,3,3',4'-Tetrachlorobiphenyl 2,3,3',4'-四氯联苯	41464-43-1
2,3,3',5'-Tetrachlorobiphenyl 2,3,3',5'-四氯联苯	70424-67-8
2,3,3',5'-Tetrachlorobiphenyl 2,3,3',5'-四氯联苯	41464-49-7
2,3,3',6'-Tetrachlorobiphenyl 2,3,3',6'-四氯联苯	74472-33-6
2,3,4,4'-Tetrachlorobiphenyl 2,3,4,4'-四氯联苯	33025-41-1
2,3,4,5'-Tetrachlorobiphenyl 2,3,4,5'-四氯联苯	33284-53-6
2,3,4,6'-Tetrachlorobiphenyl 2,3,4,6'-四氯联苯	54230-22-7
2,3,4',5'-Tetrachlorobiphenyl 2,3,4',5'-四氯联苯	74472-34-7
2,3,4',6'-Tetrachlorobiphenyl 2,3,4',6'-四氯联苯	52663-58-8
2,3,5,6'-Tetrachlorobiphenyl 2,3,5,6'-四氯联苯	33284-54-7
2,3',4,4'-Tetrachlorobiphenyl 2,3',4,4'-四氯联苯	32598-10-0

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Chemical Name 化学物质	CAS Number 化学品文摘号
2,3',4,5-Tetrachlorobiphenyl 2,3',4,5-四氯联苯	73575-53-8
2,3',4,5'-Tetrachlorobiphenyl 2,3',4,5'-四氯联苯	73575-52-7
2,3',4,6-Tetrachlorobiphenyl 2,3',4,6-四氯联苯	60233-24-1
2,3',4',5-Tetrachlorobiphenyl 2,3',4',5-四氯联苯	32598-11-1
2,3',4',6-Tetrachlorobiphenyl 2,3',4',6-四氯联苯	41464-46-4
2,3',5,5'-Tetrachlorobiphenyl 2,3',5,5'-四氯联苯	41464-42-0
2,3',5,6-Tetrachlorobiphenyl 2,3',5,6-四氯联苯	74338-23-1
2,4,4',5-Tetrachlorobiphenyl 2,4,4',5-四氯联苯	32690-93-0
2,4,4',6-Tetrachlorobiphenyl 2,4,4',6-四氯联苯	32598-12-2
2,3',4',5'-Tetrachlorobiphenyl 2,3',4',5'-四氯联苯	70362-48-0
3,3',4,4'-Tetrachlorobiphenyl 3,3',4,4'-四氯联苯	32598-13-3
3,3',4,5-Tetrachlorobiphenyl 3,3',4,5-四氯联苯	70362-49-1
3,3',4,5'-Tetrachlorobiphenyl 3,3',4,5'-四氯联苯	41464-48-6
3,3',5,5'-Tetrachlorobiphenyl 3,3',5,5'-四氯联苯	33284-52-5
3,4,4',5-Tetrachlorobiphenyl 3,4,4',5-四氯联苯	70362-50-4
2,2',3,3',4-Pentachlorobiphenyl 2,2',3,3',4-五氯联苯	52663-62-4
2,2',3,3',5-Pentachlorobiphenyl 2,2',3,3',5-五氯联苯	60145-20-2

Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',3,3',6-Pentachlorobiphenyl 2,2',3,3',6-五氯联苯	52663-60-2
2,2',3,4,4'-Pentachlorobiphenyl 2,2',3,4,4'-五氯联苯	65510-45-4
2,2',3,4,5-Pentachlorobiphenyl 2,2',3,4,5-五氯联苯	55312-69-1
2,2',3,4,5'-Pentachlorobiphenyl 2,2',3,4,5'-五氯联苯	38380-02-8
2,2',3,4,6-Pentachlorobiphenyl 2,2',3,4,6-五氯联苯	55215-17-3
2,2',3,4,6'-Pentachlorobiphenyl 2,2',3,4,6'-五氯联苯	73575-57-2
2,2',3,4',5-Pentachlorobiphenyl 2,2',3,4',5-五氯联苯	68194-07-0
2,2',3,4',6-Pentachlorobiphenyl 2,2',3,4',6-五氯联苯	68194-05-8
2,2',3,5,5'-Pentachlorobiphenyl 2,2',3,5,5'-五氯联苯	52663-61-3
2,2',3,5,6-Pentachlorobiphenyl 2,2',3,5,6-五氯联苯	73575-56-1
2,2',3,5,6'-Pentachlorobiphenyl 2,2',3,5,6'-五氯联苯	73575-55-0
2,2',3,5',6-Pentachlorobiphenyl 2,2',3,5',6-五氯联苯	38379-99-6
2,2',3,6,6'-Pentachlorobiphenyl 2,2',3,6,6'-五氯联苯	73575-54-9
2,2',3,4',5'-Pentachlorobiphenyl 2,2',3,4',5'-五氯联苯	41464-51-1
2,2',3,4',6'-Pentachlorobiphenyl 2,2',3,4',6'-五氯联苯	60233-25-2
2,2',4,4',5-Pentachlorobiphenyl 2,2',4,4',5-五氯联苯	38380-01-7
2,2',4,4',6-Pentachlorobiphenyl 2,2',4,4',6-五氯联苯	39485-83-1

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Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',4,5,5'-Pentachlorobiphenyl 2,2',4,5,5'-五氯联苯	37680-73-2
2,2',4,5,6'-Pentachlorobiphenyl 2,2',4,5,6'-五氯联苯	68194-06-9
2,2',4,5',6-Pentachlorobiphenyl 2,2',4,5',6-五氯联苯	60145-21-3
2,2',4,6,6'-Pentachlorobiphenyl 2,2',4,6,6'-五氯联苯	56558-16-8
2,3,3',4,4'-Pentachlorobiphenyl 2,3,3',4,4'-五氯联苯	32598-14-4
2,3,3',4,5-Pentachlorobiphenyl 2,3,3',4,5-五氯联苯	70424-69-0
2,3,3',4',5-Pentachlorobiphenyl 2,3,3',4',5-五氯联苯	70424-68-9
2,3,3',4,5'-Pentachlorobiphenyl 2,3,3',4,5'-五氯联苯	70362-41-3
2,3,3',4,6-Pentachlorobiphenyl 2,3,3',4,6-五氯联苯	74472-35-8
2,3,3',4',6-Pentachlorobiphenyl 2,3,3',4',6-五氯联苯	38380-03-9
2,3,3',5,5'-Pentachlorobiphenyl 2,3,3',5,5'-五氯联苯	39635-32-0
2,3,3',5,6-Pentachlorobiphenyl 2,3,3',5,6-五氯联苯	74472-36-9
2,3,3',5',6-Pentachlorobiphenyl 2,3,3',5',6-五氯联苯	68194-10-5
2,3,4,4',5-Pentachlorobiphenyl 2,3,4,4',5-五氯联苯	74472-37-0
2,3,4,4',6-Pentachlorobiphenyl 2,3,4,4',6-五氯联苯	74472-38-1
2,3,4,5,6-Pentachlorobiphenyl 2,3,4,5,6-五氯联苯	18259-05-7
2,3,4',5,6-Pentachlorobiphenyl 2,3,4',5,6-五氯联苯	68194-11-6

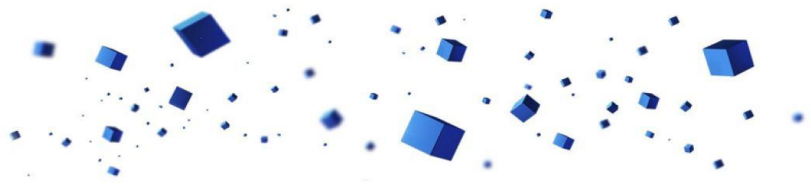
Chemical Name 化学物质	CAS Number 化学品文摘号
2,3',4,4',5-Pentachlorobiphenyl 2,3',4,4',5-五氯联苯	31508-00-6
2,3',4,4',6-Pentachlorobiphenyl 2,3',4,4',6-五氯联苯	56558-17-9
2,3',4,5,5'-Pentachlorobiphenyl 2,3',4,5,5'-五氯联苯	68194-12-7
2,3',4,5',6-Pentachlorobiphenyl 2,3',4,5',6-五氯联苯	56558-18-0
2,3,3',4',5'-Pentachlorobiphenyl 2,3,3',4',5'-五氯联苯	76842-07-4
2,3',4,4',5'-Pentachlorobiphenyl 2,3',4,4',5'-五氯联苯	65510-44-3
2,3',4',5,5'-Pentachlorobiphenyl 2,3',4',5,5'-五氯联苯	70424-70-3
2,3',4',5',6-Pentachlorobiphenyl 2,3',4',5',6-五氯联苯	74472-39-2
3,3',4,4',5-Pentachlorobiphenyl 3,3',4,4',5-五氯联苯	57465-28-8
3,3',4,5,5'-Pentachlorobiphenyl 3,3',4,5,5'-五氯联苯	39635-33-1
2,2',3,3',4,4'-Hexachlorobiphenyl 2,2',3,3',4,4'-六氯联苯	38380-07-3
2,2',3,3',4,5-Hexachlorobiphenyl 2,2',3,3',4,5-六氯联苯	55215-18-4
2,2',3,3',4,5'-Hexachlorobiphenyl 2,2',3,3',4,5'-六氯联苯	52663-66-8
2,2',3,3',4,6-Hexachlorobiphenyl 2,2',3,3',4,6-六氯联苯	61798-70-7
2,2',3,3',4,6'-Hexachlorobiphenyl 2,2',3,3',4,6'-六氯联苯	38380-05-1
2,2',3,3',5,5'-Hexachlorobiphenyl 2,2',3,3',5,5'-六氯联苯	35694-04-3
2,2',3,3',5,6-Hexachlorobiphenyl 2,2',3,3',5,6-六氯联苯	52704-70-8

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Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',3,3',5,6'-Hexachlorobiphenyl 2,2',3,3',5,6'-六氯联苯	52744-13-5
2,2',3,3',6,6'-Hexachlorobiphenyl 2,2',3,3',6,6'-六氯联苯	38411-22-2
2,2',3,4,4',5-Hexachlorobiphenyl 2,2',3,4,4',5-六氯联苯	35694-06-5
2,2',3,4,4',5'-Hexachlorobiphenyl 2,2',3,4,4',5'-六氯联苯	35065-28-2
2,2',3,4,4',6-Hexachlorobiphenyl 2,2',3,4,4',6-六氯联苯	56030-56-9
2,2',3,4,4',6'-Hexachlorobiphenyl 2,2',3,4,4',6'-六氯联苯	59291-64-4
2,2',3,4,5,5'-Hexachlorobiphenyl 2,2',3,4,5,5'-六氯联苯	52712-04-6
2,2',3,4,5,6-Hexachlorobiphenyl 2,2',3,4,5,6-六氯联苯	41411-61-4
2,2',3,4,5,6'-Hexachlorobiphenyl 2,2',3,4,5,6'-六氯联苯	68194-15-0
2,2',3,4,5',6-Hexachlorobiphenyl 2,2',3,4,5',6-六氯联苯	68194-14-9
2,2',3,4,6,6'-Hexachlorobiphenyl 2,2',3,4,6,6'-六氯联苯	74472-40-5
2,2',3,4',5,5'-Hexachlorobiphenyl 2,2',3,4',5,5'-六氯联苯	51908-16-8
2,2',3,4',5,6-Hexachlorobiphenyl 2,2',3,4',5,6-六氯联苯	68194-13-8
2,2',3,4',5,6'-Hexachlorobiphenyl 2,2',3,4',5,6'-六氯联苯	74472-41-6
2,2',3,4',5',6-Hexachlorobiphenyl 2,2',3,4',5',6-六氯联苯	38380-04-0
2,2',3,4',6,6'-Hexachlorobiphenyl 2,2',3,4',6,6'-六氯联苯	68194-08-1
2,2',3,5,5',6-Hexachlorobiphenyl 2,2',3,5,5',6-六氯联苯	52663-63-5

Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',3,5,6,6'-Hexachlorobiphenyl 2,2',3,5,6,6'-六氯联苯	68194-09-2
2,2',4,4',5,5'-Hexachlorobiphenyl 2,2',4,4',5,5'-六氯联苯	35065-27-1
2,2',4,4',5,6'-Hexachlorobiphenyl 2,2',4,4',5,6'-六氯联苯	60145-22-4
2,2',4,4',6,6'-Hexachlorobiphenyl 2,2',4,4',6,6'-六氯联苯	33979-03-2
2,3,3',4,4',5-Hexachlorobiphenyl 2,3,3',4,4',5-六氯联苯	38380-08-4
2,3,3',4,4',5'-Hexachlorobiphenyl 2,3,3',4,4',5'-六氯联苯	69782-90-7
2,3,3',4,4',6-Hexachlorobiphenyl 2,3,3',4,4',6-六氯联苯	74472-42-7
2,3,3',4,5,5'-Hexachlorobiphenyl 2,3,3',4,5,5'-六氯联苯	39635-35-3
2,3,3',4,5,6-Hexachlorobiphenyl 2,3,3',4,5,6-六氯联苯	41411-62-5
2,3,3',4,5',6-Hexachlorobiphenyl 2,3,3',4,5',6-六氯联苯	74472-43-8
2,3,3',4',5,5'-Hexachlorobiphenyl 2,3,3',4',5,5'-六氯联苯	39635-34-2
2,3,3',4',5,6-Hexachlorobiphenyl 2,3,3',4',5,6-六氯联苯	74472-44-9
2,3,3',4',5',6-Hexachlorobiphenyl 2,3,3',4',5',6-六氯联苯	74472-45-0
2,3,3',5,5',6-Hexachlorobiphenyl 2,3,3',5,5',6-六氯联苯	74472-46-1
2,3,4,4',5,6-Hexachlorobiphenyl 2,3,4,4',5,6-六氯联苯	41411-63-6
2,3',4,4',5,5'-Hexachlorobiphenyl 2,3',4,4',5,5'-六氯联苯	52663-72-6
2,3',4,4',5',6-Hexachlorobiphenyl 2,3',4,4',5',6-六氯联苯	59291-65-5



Chemical Name 化学物质	CAS Number 化学品文摘号
3,3',4,4',5,5'-Hexachlorobiphenyl 3,3',4,4',5,5'-六氯联苯	32774-16-6
2,2',3,3',4,4',5-Heptachlorobiphenyl 2,2',3,3',4,4',5-七氯联苯	35065-30-6
2,2',3,3',4,4',6-Heptachlorobiphenyl 2,2',3,3',4,4',6-七氯联苯	52663-71-5
2,2',3,3',4,5,5'-Heptachlorobiphenyl 2,2',3,3',4,5,5'-七氯联苯	52663-74-8
2,2',3,3',4,5,6-Heptachlorobiphenyl 2,2',3,3',4,5,6-七氯联苯	68194-16-1
2,2',3,3',4,5,6'-Heptachlorobiphenyl 2,2',3,3',4,5,6'-七氯联苯	38411-25-5
2,2',3,3',4,5',6-Heptachlorobiphenyl 2,2',3,3',4,5',6-七氯联苯	40186-70-7
2,2',3,3',4,6,6'-Heptachlorobiphenyl 2,2',3,3',4,6,6'-七氯联苯	52663-65-7
2,2',3,3',4,5',6'-Heptachlorobiphenyl 2,2',3,3',4,5',6'-七氯联苯	52663-70-4
2,2',3,3',5,5',6-Heptachlorobiphenyl 2,2',3,3',5,5',6-七氯联苯	52663-67-9
2,2',3,3',5,6,6'-Heptachlorobiphenyl 2,2',3,3',5,6,6'-七氯联苯	52663-64-6
2,2',3,4,4',5,5'-Heptachlorobiphenyl 2,2',3,4,4',5,5'-七氯联苯	35065-29-3
2,2',3,4,4',5,6-Heptachlorobiphenyl 2,2',3,4,4',5,6-七氯联苯	74472-47-2
2,2',3,4,4',5,6'-Heptachlorobiphenyl 2,2',3,4,4',5,6'-七氯联苯	60145-23-5
2,2',3,4,4',5',6-Heptachlorobiphenyl 2,2',3,4,4',5',6-七氯联苯	52663-69-1
2,2',3,4,4',6,6'-Heptachlorobiphenyl 2,2',3,4,4',6,6'-七氯联苯	74472-48-3
2,2',3,4,5,5',6-Heptachlorobiphenyl 2,2',3,4,5,5',6-七氯联苯	52712-05-7

Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',3,4,5,6,6'-Heptachlorobiphenyl 2,2',3,4,5,6,6'-七氯联苯	74472-49-4
2,2',3,4',5,5',6-Heptachlorobiphenyl 2,2',3,4',5,5',6-七氯联苯	52663-68-0
2,2',3,4',5,6,6'-Heptachlorobiphenyl 2,2',3,4',5,6,6'-七氯联苯	74487-85-7
2,3,3',4,4',5,5'-Heptachlorobiphenyl 2,3,3',4,4',5,5'-七氯联苯	39635-31-9
2,3,3',4,4',5,6-Heptachlorobiphenyl 2,3,3',4,4',5,6-七氯联苯	41411-64-7
2,3,3',4,4',5',6-Heptachlorobiphenyl 2,3,3',4,4',5',6-七氯联苯	74472-50-7
2,3,3',4,5,5',6-Heptachlorobiphenyl 2,3,3',4,5,5',6-七氯联苯	74472-51-8
2,3,3',4',5,5',6-Heptachlorobiphenyl 2,3,3',4',5,5',6-七氯联苯	69782-91-8
2,2',3,3',4,4',5,5'-Octachlorobiphenyl 2,2',3,3',4,4',5,5'-八氯联苯	35694-08-7
2,2',3,3',4,4',5,6-Octachlorobiphenyl 2,2',3,3',4,4',5,6-八氯联苯	52663-78-2
2,2',3,3',4,4',5,6'-Octachlorobiphenyl 2,2',3,3',4,4',5,6'-八氯联苯	42740-50-1
2,2',3,3',4,4',6,6'-Octachlorobiphenyl 2,2',3,3',4,4',6,6'-八氯联苯	33091-17-7
2,2',3,3',4,5,5',6-Octachlorobiphenyl 2,2',3,3',4,5,5',6-八氯联苯	68194-17-2
2,2',3,3',4,5,5',6'-Octachlorobiphenyl 2,2',3,3',4,5,5',6'-八氯联苯	52663-75-9
2,2',3,3',4,5,6,6'-Octachlorobiphenyl 2,2',3,3',4,5,6,6'-八氯联苯	52663-73-7
2,2',3,3',4,5',6,6'-Octachlorobiphenyl 2,2',3,3',4,5',6,6'-八氯联苯	40186-71-8
2,2',3,3',5,5',6,6'-Octachlorobiphenyl 2,2',3,3',5,5',6,6'-八氯联苯	2136-99-4

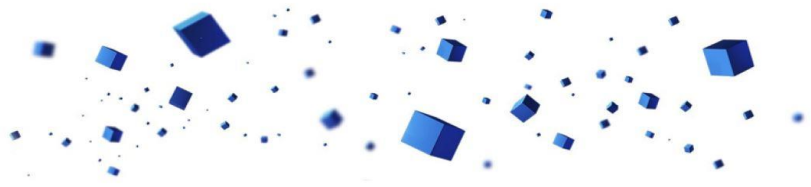
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Chemical Name 化学物质	CAS Number 化学品文摘号
2,2',3,4,4',5,5',6-Octachlorobiphenyl 2,2',3,4,4',5,5',6-八氯联苯	52663-76-0
2,2',3,4,4',5,6,6'-Octachlorobiphenyl 2,2',3,4,4',5,6,6'-八氯联苯	74472-52-9
2,3,3',4,4',5,5',6-Octachlorobiphenyl 2,3,3',4,4',5,5',6-八氯联苯	74472-53-0
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl 2,2',3,3',4,4',5,5',6-九氯联苯	40186-72-9
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl 2,2',3,3',4,4',5,6,6'-九氯联苯	52663-79-3
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl 2,2',3,3',4,5,5',6,6'-九氯联苯	52663-77-1
Nonachlorobiphenyl (mixed isomers) 九氯联苯 (混合同分异构体)	53742-07-7
Decachlorobiphenyl 十氯联苯	2051-24-3
<i>Polychlorinated Naphthalenes</i> 多氯化萘	Several 多个
<i>Monochloro naphthalene</i> 氯化萘	25586-43-0
1-Chloronaphthalene 1-氯化萘	90-13-1
2-Chloronaphthalene 2-氯化萘	91-58-7
<i>Dichloro naphthalene</i> 二氯化萘	28699-88-9
Naphthalene, 1,3-dichloro- 1,3-二氯化萘	2198-75-6
Naphthalene, 1,4-dichloro- 1,4-二氯化萘	1825-31-6
Naphthalene, 1,5-dichloro- 1,5-二氯化萘	1825-30-5
Naphthalene, 2,7-dichloro- 2,7-二氯化萘	2198-77-8

Chemical Name 化学物质	CAS Number 化学品文摘号
Metals 金属	
<i>Arsenic, its salts and compounds</i> 砷, 其盐及其化合物	Several 多个
Arsenic 砷	7440-38-2
<i>Cadmium, its salts and compounds</i> 镉, 其盐及其化合物	Several 多个
Cadmium 镉	7440-43-9
<i>Chromium VI, its salts and compounds</i> 铬 (VI), 其盐及其化合物	Several 多个
Ammonium dichromate 重铬酸铵	7789-09-5
Chromium VI 六价铬	18540-29-9
Chromium trioxide 三氧化铬	1333-82-0
Dichromium tris(chromate) 三 (铬酸盐) 重铬	24613-89-6
Lead chromate 铬酸铅	7758-97-6
Pentazinc chromate octahydroxide 八氢氧化铬酸五锌	49663-84-5
Potassium hydroxyoctaoxodizincate dichromate 羟基八氧化二重铬酸钾	11103-86-9
Potassium chromate 铬酸钾	7789-00-6
Potassium dichromate 重铬酸钾	7778-50-9
Sodium chromate 铬酸钠	7775-11-3
Strontium chromate 铬酸锶	7789-06-2

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Chemical Name 化学物质	CAS Number 化学品文摘号
<i>Acids generated from chromium trioxide and their oligomers</i> 三氧化铬及其低聚物产生的酸	Several 多个
Dichromic acid 重铬酸	13530-68-2
Chromic acid 铬酸	7738-94-5
Oligomers of chromic acid and dichromic acid 铬酸和重铬酸的低聚物	
<i>Sodium dichromate derivatives</i> 重铬酸钠衍生物	Several 多个
Sodium dichromate dihydrate 重铬酸钠二水合物	7789-12-0
Sodium dichromate anhydrous 无水重铬酸钠	10588-01-9
<i>Lead, its salts and compounds</i> 铅, 其盐及其化合物	Several 多个
Lead 铅	7439-92-1
Lead diacetate 双乙酸铅	301-04-2 6080-56-4
Trilead dioxide phosphonate 二氧化三铅磷酸盐	12141-20-7
Pigment White 1 颜料白 1	1319-46-6
Tetralead trioxide sulphate 硫酸四铅	12202-17-4
Sulfurous acid, lead salt, dibasic 亚硫酸、铅盐、二元酸	62229-08-7
Silicic acid, lead salt 硅酸、铅盐	11120-22-2
Silicic acid, barium salt (1:1), lead-doped 硅酸、钡盐 (1:1)、铅掺杂	68784-75-8

Chemical Name 化学物质	CAS Number 化学品文摘号
Pyrochlore, antimony lead yellow 烧绿石、锑铅黄	8012-00-8
Pentalead tetraoxide sulphate 五氧化二硫酸钠	12065-90-6
Orange lead 橙色铅	1314-41-6
Lead titanium zirconium oxide 铅钛锆氧化物	12626-81-2
Lead titanium trioxide 三氧化二铅	12060-00-3
Lead oxide sulfate 氧化铅硫酸盐	12036-76-9
Lead monoxide 一氧化铅	1317-36-8
Lead dinitrate 硝酸铅	10099-74-8
Lead cyanamidate 氰胺酸铅	20837-86-9
Fatty acids, C16-18, lead salts 脂肪酸·C16-18·铅盐	91031-62-8
Dioxobis(stearato)trilead 二恶二(硬脂酸)三铅	12578-12-0
Acetic acid, lead salt, basic 乙酸·铅盐·碱性	51404-69-4
[Phthalato(2-)] dioxotrilead [邻苯二甲酸(2-)]二氧三铅	69011-06-9
Lead(II) bis(methanesulfonate) 双(甲磺酸)铅(II)	17570-76-2
Trilead diarsenate 砷酸三铅	3687-31-8
Lead styphnate 铅酸	15245-44-0



Chemical Name 化学物质	CAS Number 化学品文摘号
Lead dipicrate 双酸铅	6477-64-1
Lead diazide 二叠氮化铅	13424-46-9
Lead bis(tetrafluoroborate) 双(四氟硼酸)铅	13814-96-5
Lead hydrogen arsenate 砷酸铅	7784-40-9
Tetraethyllead 四乙基铅	78-00-2
<i>Mercury, its salts and compounds</i> 汞, 其盐及其化合物	Several 多个
Mercury 汞	7439-97-6
Other Chemical Substances 其他化学物质	
<i>Hydrazine, its salts and hydrates</i> 联胺·及其盐和水合物	Several 多个
Hydrazine hydrates 水合肼	7803-57-8
Hydrazine sulfate 硫酸肼	10034-93-2
Ozone Depleting Substances (according to Regulation (EC) No 1005/2009) 臭氧消耗物质 (根据法规 (EC) No. 1005/2009)	
<i>Ozone depleting substances (CFCs) class I</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) 1,1,2-三氟-1,2,2-三氟乙烷 (CFC-113)	76-13-1

Chemical Name 化学物质	CAS Number 化学品文摘号
1,1,1-Trichloro-2,2,2-trifluoroethane - (CFC-113a) 1,1,1-三氟-2,2,2-三氟乙烷 (CFC-113a)	354-58-5
1,2-Dichloro-1,1,2,2-tetrafluoroethane - (CFC-114) 二氟-1,1,2,2-四氟乙烷 (CFC-114)	76-14-2
1,1-Dichloro-1,2,2,2-tetrafluoroethane - (CFC-114a) 1,1-二氟-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) 二氟一氟一溴甲烷 (哈龙-1211)	353-59-3
Bromotrifluoromethane - (Halon-1301) 三氟一溴甲烷 (哈龙-1301)	75-63-8
Dibromotetrafluoroethane - (Halon-2402) 二溴四氟乙烷 (哈龙-2402)	124-73-2
Chlorotrifluoromethane - (CFC-13) 三氟一氟甲烷 (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) 1,1,2,2-四氟-1,2-二氟乙烷 (CFC-112)	76-12-0
1,1,1,2-Tetrachlorodifluoroethane - (CFC-112a) 1,1,1,2-四氟二氟乙烷 (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) 1,1,1,3-四氟四氟-2,2,3,3-丙烷 (CFC-214)	2268-46-4

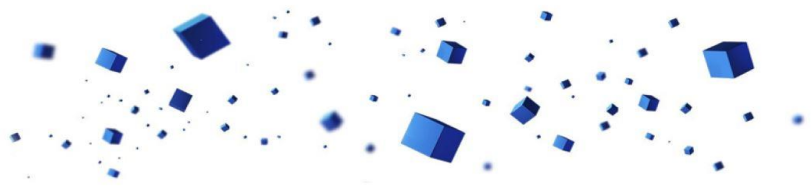


Chemical Name 化学物质	CAS Number 化学品文摘号
1,1,3-Trichloropentafluoropropane 1,1,3-三氟五氟丙烷	76-17-5
1,2,3-Trichloropentafluoropropane - (CFC-215) 1,2,3-三氟五氟丙烷 (CFC-215)	1652-81-9
1,1,1-Trichloropentafluoropropane 1,1,1-三氟五氟丙烷	4259-43-2
1,2,2-Trichloropentafluoropropane 1,2,2-三氟五氟丙烷	1599-41-3
Dichlorohexafluoropropane - (CFC-216) 二氟六氟丙烷 (CFC-216)	661-97-2
1,3-dichloro-1,1,2,2,3,3-hexafluoropropane - (CFC-216ca) 1,3-二氟-1,1,2,2,3,3-六氟丙烷 (CFC-216ca)	662-01-1
Monochloroheptafluoropropane - (CFC-217) 一氟七氟丙烷 CFC-217	422-86-6
2-Chloro-1,1,1,2,3,3,3-heptafluoropropane - (CFC-217ba) 2-氟-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

Chemical Name 化学物质	CAS Number 化学品文摘号
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
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

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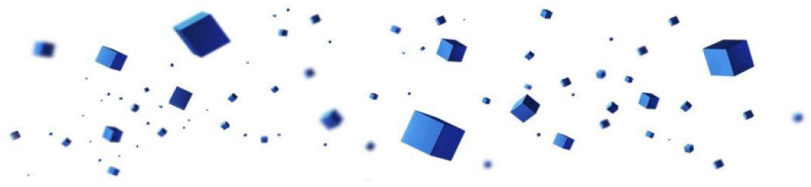
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Chemical Name 化学物质	CAS Number 化学品文摘号
Bromopentafluoropropane - (HBFC-235 B1) 一溴五氟丙烷 (HBFC-235 B1)	460-88-8
Tetrabromofluoropropane - (HBFC-241 B4) 四溴氟丙烷 (HBFC-241 B4)	
Tribromodifluoropropane - (HBFC-242 B3) 三溴二氟丙烷 (HBFC-242 B3)	666-25-1
Dibromotrifluoropropane - (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
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
<i>Ozone depleting substances (CFCs) class II</i> 臭氧消耗物质 (CFCs) 第II类	Several 多个
Dibromodifluoromethane - (Halon-1202) 二溴二氟甲烷 (哈龙-1202)	75-61-6
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
Trifluoroiodomethane - (FIC 013 I1 / TFIM) 三氟碘甲烷 (FIC 013 I1 / TFIM)	2314-97-8

Chemical Name 化学物质	CAS Number 化学品文摘号
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) 1,1,2,2-四氟-1-氟乙烷 (HCFC-121)	354-14-3
1,1,1,2-Tetrachloro-2-fluoroethane - (HCFC-121a) 1,1,1,2-四氟-2-氟乙烷 (HCFC-121a)	354-11-0
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) 1,2-二氟-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-氟-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) 1,2-二氟-1,2-二氯乙烷 (HCFC-132)	431-06-1
1,2-Dichloro-1,1-difluoroethane - (HCFC-132b) 1,2-二氟-1,1-二氯乙烷 (HCFC-132b)	1649-08-7
Monochlorotrifluoroethane - (HCFC-133) 一氟三氟乙烷 (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) 1,2-二氟-1-氟乙烷 (HCFC-141)	430-57-9

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Chemical Name 化学物质	CAS Number 化学品文摘号
Dichlorofluoroethane - (HCFC-141b) 一氟二氯乙烷 (HCFC-141b)	1717-00-6
Chlorodifluoroethane - (HCFC-142) 一氟二氟乙烷 (HCFC-142)	
Monochlorodifluoroethane - (HCFC-142b) 二氟一氯乙烷 (HCFC-142b)	75-68-3
Chlorofluoroethane - (HCFC-151) 氟氯乙烷 (HCFC-151)	
1-Chloro-1-fluoroethane - (HCFC-151a) 1-氟-1-氟乙烷 (HCFC-151a)	1615-75-4
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

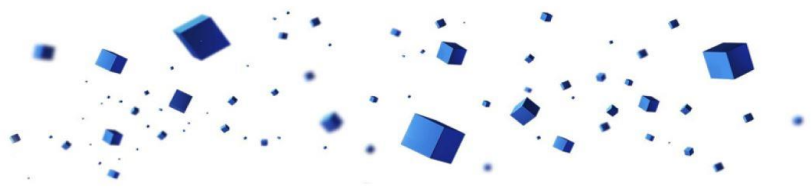
Chemical Name 化学物质	CAS Number 化学品文摘号
2-Chloro-1,1,1,3,3,3-hexafluoropropane - (HCFC-226da) 2-氯-1,1,1,3,3,3-六氟丙烷 (HCFC-226da)	431-87-8
Pentachlorofluoropropane - (HCFC-231) 一氟五氯丙烷 (HCFC-231)	421-94-3
1,1,3,3-Tetrachloro-2,2-difluoropropane - (HCFC-232ca) 1,1,3,3-四氯-2,2-二氟丙烷 (HCFC-232ca)	1112-14-7
1,1,3-Trichloro-1,2,2-trifluoropropane - (HCFC-233cb) 1,1,3-三氯-1,2,2-三氟丙烷 (HCFC-233cb)	421-99-8
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) 二氟四氟丙烷 (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

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Chemical Name 化学物质	CAS Number 化学品文摘号
Dichlorofluoropropane - (HCFC-261) 一氟二氯丙烷 (HCFC-261)	420-97-3
1-Chloro-2,2-difluoropropane - (HCFC-262ca) 1-氟-2,2-二氟丙烷 (HCFC-262ca)	420-99-5
2-Chloro-2-fluoropropane - (HCFC-271b) 2-氟-2-氟丙烷 (HCFC-271b)	420-44-0
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
PFAS (Poly- and perfluoroalkyl substances) PFAS(多氟/全氟烷基化合物)	
<i>Perfluorobutane sulfonic acid and its derivatives</i> 全氟丁烷磺酸及其衍生物	Several 多个
<i>Perfluorobutane sulfonic acid and its salts</i> 全氟丁烷磺酸及其盐	Several 多个
Perfluorobutane sulfonic acid 全氟丁烷磺酸	375-73-5
Perfluorobutane sulfonates 全氟丁烷磺酸盐	45187-15-3
<i>Perfluorobutane sulfon amides</i> 全氟丁烷磺酰胺	30334-69-1
<i>Perfluorobutane sulfon amido ethanols</i> 全氟丁烷磺酰胺乙醇	Several 多个
<i>Perfluorobutane sulfon amidoethyl (meth)acrylates</i> 全氟丁烷磺酰胺基(甲基)丙烯酸酯	Several 多个

Chemical Name 化学物质	CAS Number 化学品文摘号
<i>Perfluorobutane sulfon halides</i> 全氟丁烷磺化卤化物	Several 多个
<i>Perfluorobutane sulfon polymers</i> 全氟丁烷磺化聚合物	Several 多个
<i>Perfluorohexane sulfonic acid and its derivatives</i> 全氟己烷磺酸及其衍生物	Several 多个
<i>Perfluorohexane sulfonic acid and its salts</i> 全氟己烷磺酸和其盐	Several 多个
Perfluorohexane sulfonic acid 全氟己烷磺酸	355-46-4
Perfluorohexane sulfonate 全氟己烷磺酸盐	108427-53-8
Potassium perfluorohexane-1-sulphonate 全氟己烷-1-磺酸钾	3871-99-6
Ammonium perfluorohexane-1-sulphonate 全氟己烷-1-磺酸铵	68259-08-5
Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) 十三氟己烷磺酸 · 与 2,2'-亚氨基乙二醇 (1:1) 的化合物	70225-16-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1) 1-己磺酸 · 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-锂盐 (1:1)	55120-77-9
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt 1-己磺酸 · 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-锌盐	70136-72-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1) 1-己磺酸 · 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-, 化合物与 N,N-二乙胺 (1:1)	72033-41-1
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt 1-己磺酸 · 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸钠盐	82382-12-5



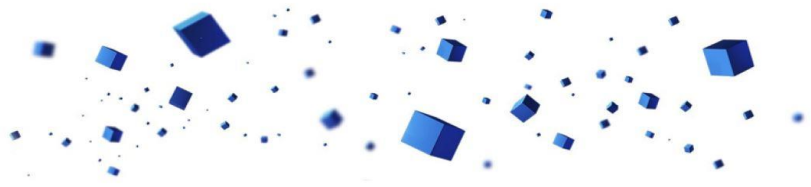
Chemical Name 化学物质	CAS Number 化学品文摘号
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9Cl) 双(4-叔丁基苯基)碘鎓 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)(9Cl)	866621-50-3
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (4-甲基苯基)二苯基 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	910606-39-2
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) [4-[(2-甲基-1-氧代-2-丙烯基)氧]苯基]二苯基 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	911027-69-5
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) 1-己磺酸, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-铯盐(1:1)	92011-17-1
1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid 三正丁胺基 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐	108427-54-9
Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) 乙胺, N,N,N-三乙胺基 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	108427-55-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with pyrrolidine (1:1) 1-己磺酸, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-, 化合物与吡咯烷(1:1)	1187817-57-7
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1) β-环糊精 · 与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己磺酸离子(1-) (1:1) 的化合物	1329995-45-0

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Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1) γ-环糊精 · 与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己磺酸离子(1-) (1:1) 的化合物	1329995-69-8
Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) 甲胺, N,N,N-三甲胺基 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	189274-31-5
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1) 1-己磺酸, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟化合物与 2-甲基-2-丙胺(1:1)	202189-84-2
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl) 1-己磺酸, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-, 镓盐(9Cl)	341035-71-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1) 1-己磺酸, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-, 钪(3+)盐(3:1)	350836-93-0
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic 三[4-(1,1-二甲基乙基)苯基] 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐	425670-70-8
Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic 双[4-(1,1-二甲基乙基)苯基] 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐	421555-74-0
Sulfonium, (thiodi-4,1-phenylene)bis(diphenyl)-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic (硫-二-4,1-亚苯基)二联苯基 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐	421555-73-9



Chemical Name 化学物质	CAS Number 化学品文摘号
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1) 1-己烷磺酸, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-, 钕(3+)盐(3:1)	41184-65-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1) 1-己烷磺酸, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-, 钇(3+)盐(3:1)	41242-12-0
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 4-(2-甲基-1-氧代-2-丙烯基氧基)二苯基-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	911027-68-4
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 二苯环[k,n][1,4,7,10,13]四氧代硫杂十五圆环, 19-[4-(1,1-二甲基乙基)苯基]-6,7,9,10,12,13-六氢-, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	928049-42-7
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 三苯基(苯基甲基)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	1000597-52-3

Chemical Name 化学物质	CAS Number 化学品文摘号
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 乙胺, N-[4-[[4-(二乙胺基)苯基][4-(乙胺基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-乙基-, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	1310480-24-0
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 甲胺, N-[4-[[4-(二甲胺基)苯基][4-(乙胺基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	1310480-27-3
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 甲胺, N-[4-[[4-(二甲胺基)苯基][4-(苯胺基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	1310480-28-4
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 三苯基-, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	144116-10-9
Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 喹啉, 1-(羧甲基)-4-[2-[4-[4-(2,2-二苯基乙烯基)苯基]-1,2,3,3a,4,8b-六氢环戊烯并[b]吲哚-7-基]乙基]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己烷磺酸盐(1:1)	1462414-59-0



Chemical Name 化学物质	CAS Number 化学品文摘号
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 二苯基-,1,1,2,2,3,3,4,4,5,5,6,6-十三氟-1-己烷磺酸碘盐(1:1)	153443-35-7
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 二[4-(1,1-二甲基乙基)苯基]-,1,1,2,2,3,3,4,4,5,5,6,6-十三氟-1-己烷磺酸碘盐(1:1)	213740-81-9
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 二(4-二甲基苯基)苯基-,1,1,2,2,3,3,4,4,5,5,6,6-十三氟-1-己烷磺酸硫盐(1:1)	341548-85-4
<i>Perfluorohexane sulfon amides</i> 全氟己烷磺酰胺	Several 多个
Perfluorohexane sulfon amide 全氟己烷磺酰胺	41997-13-1
Tridecafluoro-N-methylhexanesulphonamide 十三氟-N-甲基己磺酰胺	68259-15-4
<i>Perfluorohexane sulfon halides</i> 全氟己烷磺化卤化物	Several 多个
Perfluorohexanesulphonyl fluoride 全氟己烷磺酰氟	423-50-7
<i>Perfluorooctane sulfonic acid and its derivatives</i> 全氟辛烷磺酸及其衍生物	Several 多个
<i>Perfluorooctane sulfonic acid and its salts</i> 全氟辛烷磺酸及其盐	Several 多个
Diethanolamine perfluorooctane sulfonate 全氟辛烷磺酸二乙醇胺	70225-14-8

Chemical Name 化学物质	CAS Number 化学品文摘号
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
Ethanaminium, N,N,N-triethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1) 乙胺, N,N,N-三乙胺基,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-1-辛磺酸盐 (1:1)	56773-42-3
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1) 二癸基二甲胺铵, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-1-辛磺酸盐 (1:1)	251099-16-8
<i>Perfluorooctane sulfon amides</i> 全氟辛烷磺酰胺	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> 全氟辛烷磺酰胺乙醇	Several 多个



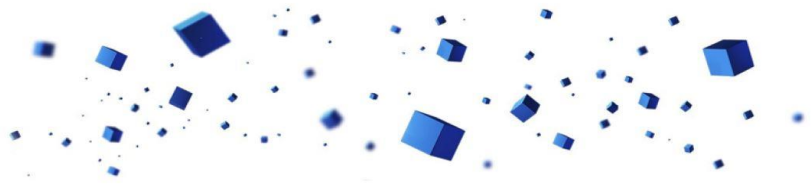
Chemical Name 化学物质	CAS Number 化学品文摘号
Heptadecafluoro-N-methyloctane sulfonamideethanol 全氟-N-甲基辛烷磺酰胺乙醇	24448-09-7
1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro- 辛基磺胺, N-乙基1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- 十七氟-	4151-50-2
1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- 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 halides</i> 全氟辛烷磺化卤化物	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>Perfluoroalkyl sulfonic acid and its derivatives - F(CF2)n [n>8]</i> 全氟烷基磺酸及其衍生物 F(CF2)n [n>8]	Several 多个
<i>Perfluoroalkyl sulfonic acid and its salts - F(CF2)n [n>8]</i> 全氟烷基磺酸及其盐 F(CF2)n [n>8]	Several 多个
Perfluorodecane sulfonic acid 全氟辛烷磺酸	335-77-3
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluoro-1-decanesulfonic acid 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10- 十七氟-1-癸烷磺酸	39108-34-4
1-Dodecanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12- heneicosafuoro- 1-十二烷磺酸, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12- 二十一氟-	120226-60-0
<i>Perfluorobutanoic acid and its salts</i> 全氟丁酸及其盐	Several 多个
Perfluorobutanoic acid 全氟丁酸	375-22-4

Chemical Name 化学物质	CAS Number 化学品文摘号
<i>Perfluorohexanoic acid and its salts</i> 全氟己酸及其盐	Several 多个
Perfluorohexanoic acid - (PFHxA) 全氟己酸 (PFHxA)	307-24-4
<i>Perfluoroheptanoic acid and its salts</i> 全氟庚酸及其盐	Several 多个
Perfluoroheptanoic acid 全氟庚酸	375-85-9
Potassium perfluoroheptanoate 全氟庚酸钾	21049-36-5
<i>Perfluorooctanoic acid and its salts</i> 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
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
Silver(1+) perfluorooctanoate 全氟辛酸银(1+)	335-93-3
<i>Perfluorocarboxylic acids (C9-C14) and its salts</i> 全氟羧酸及其盐	Several 多个



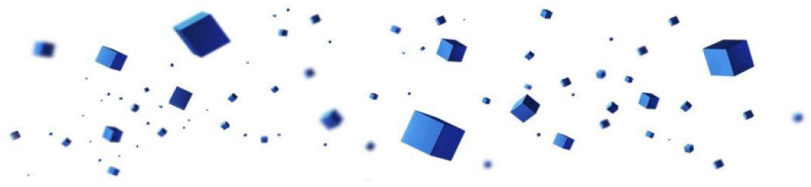
Chemical Name 化学物质	CAS Number 化学品文摘号
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecanoic acid 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-十七氟癸酸	39108-34-4
2,2,3,4,4,5,5,6,6,7,8,8,8-Tridecafluoro-3,7-bis(trifluoromethyl)octanoic acid 2,2,3,4,4,5,5,6,6,7,8,8,8-十三氟-3,7-双(三氟甲基)辛酸	120226-60-0
4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Heptadecafluoroundecanoic acid 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-十七氟十一烷酸	27854-31-5
<i>Perfluorononanoic acid and its salts</i> 全氟壬酸和其盐	Several 多个
Perfluorononanoic acid 全氟壬酸	375-95-1
Sodium salts of perfluorononan-1-oic-acid 全氟壬烷-1-酸钠	21049-39-8
Ammonium salts of perfluorononan-1-oic-acid 全氟壬烷-1-酸铵	4149-60-4
<i>Perfluorodecanoic acid and its salts</i> 全氟癸酸和其盐	Several 多个
Perfluorodecanoic acid 全氟癸酸	335-76-2
Ammonium nonadecafluoro-decanoate 九氟癸酸铵	3108-42-7
Decanoic acid, nonadecafluoro-, sodium salt 十九氟癸酸钠	3830-45-3
<i>Perfluoroundecanoic acid and its salts</i> 全氟十一烷酸及其盐	Several 多个
Perfluoroundecanoic acid 全氟十一烷酸	2058-94-8
<i>Perfluorododecanoic acid and its salts</i> 全氟十二烷酸及其盐	Several 多个
Perfluorododecanoic acid 全氟十二烷酸	307-55-1

Chemical Name 化学物质	CAS Number 化学品文摘号
<i>Perfluorotridecanoic acid and its salts</i> 全氟十三烷酸及其盐	Several 多个
Perfluorotridecanoic acid 全氟十三烷酸	72629-94-8
<i>Perfluorotetradecanoic acid and its salts</i> 全氟十四烷酸及其盐	Several 多个
Perfluorotetradecanoic acid 全氟十四烷酸	376-06-7
<i>Perfluorobutanoic acid related substances</i> 全氟丁酸和相关物质	Several 多个
4:2 Fluorotelomer alcohol (4:2 FTOH) 4:2 含氟调聚醇 (4:2 FTOH)	2043-47-2
<i>Perfluorohexanoic acid related substances</i> 全氟己酸相关物质	Several 多个
<i>Perfluorohexylethyl alcohols</i> 全氟己基乙醇类	Several 多个
6:2 Fluorotelomer alcohols (6:2 FTOH) 6:2 含氟调聚醇 (6:2 FTOH)	647-42-7
<i>Perfluorohexylethyl olefins</i> 全氟己基乙烯烯类	Several 多个
Perfluorohexylethene 全氟己基乙烯	25291-17-2
<i>Perfluorohexylethyl halides</i> 全氟己基乙基卤化物	Several 多个
Tridecafluoro-1-iodohexane 全氟-1-碘己烷	355-43-1
1H,1H,2H,2H-Perfluorooctyl iodide 1H,1H,2H,2H-全氟碘辛烷	2043-57-4
<i>Perfluorohexylethyl acrylates or methacrylates</i> 全氟己基乙基丙烯酸酯或甲基丙烯酸酯	Several 多个



Chemical Name 化学物质	CAS Number 化学品文摘号
<i>Perfluorohexylethyl polymers</i> 全氟己基乙基聚合物	Several 多个
<i>Perfluorooctanoic acid related substances</i> 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
<i>Perfluorooctylethyl alcohols</i> 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
<i>Perfluorooctylethyl olefins</i> 全氟辛基乙烯烃	Several 多个
Perfluorooctylethene 全氟己基乙烯	21652-58-4
<i>Perfluorooctylethyl halides</i> 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

Chemical Name 化学物质	CAS Number 化学品文摘号
Pentadecafluorooctyl fluoride 全氟辛氟	335-66-0
<i>Perfluorooctylethyl acrylate or methacrylate</i> 全氟辛醇(甲基)丙烯酸酯	Several 多个
2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester 2-丙烯酸,2-甲基-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-十七氟癸酯	1996-88-9
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester 2-丙烯酸,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-十七氟癸酯	27905-45-9
<i>Perfluorooctylethyl polymers</i> 全氟辛基乙基聚合物	Several 多个
<i>Perfluorocarboxylic acid (C9-C14) related substances</i> 全氟羧酸和相关物质	Several 多个
Perfluorododecylethanol 全氟十二烷基乙醇	39239-77-5
Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-12-iodo- 十二烷 · 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-二十二碳氟-12-碘-	2043-54-1
2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester 2-丙烯酸,2-甲基-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-二十一氟十二烷基酯	2144-54-9
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester 2-丙烯酸,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-二十一氟十二烷基酯	17741-60-5



Chemical Name 化学物质	CAS Number 化学品文摘号
Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo- 十四烷, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12-五氟-14-碘-	30046-31-2
<i>Perfluorodecanoic acid related substances</i> 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
<i>Perfluoroalkyl compounds, branched</i> 全氟烷基物质, 支链	Several 多个
<i>2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides</i> 2,3,3,3-四氟-2-(七氟丙氧基)丙酸, 其盐及其酰基卤化物	Several 多个
2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionic acid 2,3,3,3-四氟-2-(七氟丙氧基)丙酸	13252-13-6
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionate 2,3,3,3-四氟-2-(七氟丙氧基)丙酸钾	67118-55-2
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate 2,3,3,3-四氟-2-(七氟丙氧基)丙酸铵	62037-80-3
2,3,3,3-tetrafluoro-2-(heptafluoro-propoxy) propionyl fluoride 2,3,3,3-四氟-2-(七氟丙氧基)丙酰氟	2062-98-8
Tin-organic Compounds 有机锡化合物	
<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
Monobutyltin tris(ethylhexanoate) 单丁基三异辛酸锡	23850-94-4
<i>Dibutyltin compounds - (DBT)</i> 二丁基锡化合物 (DBT)	Several 多个

Chemical Name 化学物质	CAS Number 化学品文摘号
Dibutyltin bis(acetylacetonate) 二丁基双(乙醯丙酮基)锡	22673-19-4
Dibutyltin bis(2-ethylhexanoate) 二丁基二异辛酸锡	2781-10-4
Dibutyltin di(acetate) 二乙酸二丁基锡	1067-33-0
Dibutyltin dichloride 二氯二丁基锡	683-18-1
<i>Tributyltin compounds - (TBT)</i> 三丁基锡化合物 (TBT)	Several 多个
Bis(tributyltin) oxide 三丁基氧化锡	56-35-9
<i>Octyltin compounds</i> 辛基锡化合物	Several 多个
<i>Diocetyl tin compounds - (DOT)</i> 二辛基锡化合物 (DOT)	Several 多个
Diocetyl tin dilaurate 二月桂酸二辛基锡	3648-18-8
<i>Stannane, dioctyl-, bis(coco acyloxy) derivs.</i> 锡烷、二辛基、双(椰油酰氧基)衍生物	91648-39-4