



化学品安全技术说明书

本安全技术说明书依据如下要求编写：
GB/T 16483-2008, GB/T 17519-2013

产品名称 ONCOLOR RED AI31447058-121130-26
修订日期 23-09-2026
版本 1

SDS编号 ECA_AI31447058

第1部分：化学品及企业标识

化学品标识

产品名称 ONCOLOR RED AI31447058-121130-26

产品代码 AI31447058

Material number(s) AI31447058

其他辨识方法

SDS编号 ECA_AI31447058

物质/混合物 混合物

供应商信息

供应商

Avient Corporation
2F, Block C, 200 Jinsu Road
Pudong Shanghai, China 201206

电子邮件地址 RegulatoryServicesAsia@Avient.com

公司电话号码 +86 60284888

应急咨询电话

应急咨询电话 (Chemtrec 24h) +65 3163 8374

化学品的推荐用途和限制用途

推荐用途 仅限工业使用

限制用途 无

第2部分：危险性概述

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

紧急情况概述

无显著有害健康影响

外观	Granulate Cylindric
物理状态	固体
气味	无资料

GHS危险性类别

根据全球化学品统一分类和标签制度(GHS)，不属于危险物质或混合物。未分类。

标签要素

无需标签元素。

危险性说明

无需危险说明。

物理和化学危险

不适用。

健康危害

急性健康影响： 不适用。

慢性影响： 不适用。

环境危害

不适用。

不导致分类的其他危害

无资料。

第3部分：成分/组成信息

物质

不适用。

混合物

本产品不含在其给定浓度下对健康有危害的物质

第4部分：急救措施

急救措施的描述

皮肤接触	不要尝试从皮肤上去除凝固的物质。用肥皂和水清洗皮肤。脱掉沾染的衣服，清洗后方可重新使用。如发生皮肤刺激或过敏反应，就医。
眼睛接触	如进入眼睛，取出隐形眼镜并立即用大量的清水冲洗，同时要清洗到眼皮下面，至少冲洗15分钟。如仍觉眼刺激：求医就诊。
吸入	将患者转移至空气新鲜处。如出现症状，立即就医。
食入	漱口。不得诱导呕吐。如出现症状，就医。
最重要的症状和健康影响	
症状	无资料。
接触影响	无。
对应应急响应人员的建议	确保医务人员了解所涉及的物质，采取预防措施保护自己并防止污染扩散。急救人员：注意自我保护。

对医生的特别提示 对症治疗。

第5部分：消防措施

灭火剂

适用的灭火剂 干粉、CO2、雾状水或普通泡沫。

不适用灭火剂 不要使用水柱喷射。

特别危险性 无资料。

有害燃烧产物 分解产物包括但不限于：。
一氧化碳。
二氧化碳 (CO2)。
氮氧化物 (NOx)。
氨。
硫化氢气味。
硫氧化物。
Sulfur trioxide。
硫的氧化物。

消防人员特殊防护措施 消防人员应穿戴自给式正压呼吸器和全套消防装备。使用个人防护装备。

第6部分：泄漏应急处理

人员防护措施、防护装备和应急处置程序

人员防护措施 确保足够的通风。将人员疏散至安全地带。产品泄漏/溢出存在造成滑倒的特殊危险。更多信息请参考第8部分。

对应急响应人员的建议 使用第8部分推荐的个体防护装备。

环境保护措施 防止进入水道、下水道、地下室或有限空间。不允许进入土壤/底土。附加生态信息参见第12部分。

泄漏化学品的收容、清除方法及所使用的处置材料 在安全可行的情况下，防止进一步的泄漏或溢出。收集并转移至有适当标签的容器中。

防止发生次生灾害的预防措施 遵循环境法规彻底清洗受污染的物体和区域。

参照其他部分 更多信息请参考第8部分。更多信息请参考第13部分。

第7部分：操作处置与储存

操作处置 确保足够的通风。避免皮肤和眼睛接触。

一般卫生注意事项 依照良好的工业卫生和安全实践进行操作。使用本产品时不要进食、饮水或吸烟。在休息之前和操作过此产品之后立即洗手。

储存 保持容器密闭，存放于干燥且通风良好处。保持低温。防日光照射。防潮。

禁配物 基于所提供的信息，未知。

第8部分：接触控制/个体防护

职业接触限值
所供应的本产品含有无需报告职业接触限值或不受当地管辖区报告要求约束的材料。

生物接触限值
所供应的本产品含有无需报告生物接触限值或不受当地管辖区报告要求约束的材料。

监测方法
未找到适用的信息。

工程控制 确保足够的通风，尤其是在有限区域中。采取技术措施以达到职业接触限值要求。

个体防护装备

眼面防护 佩戴有侧护罩的安全眼镜(或护目镜)。

皮肤和身体防护 穿戴适当的防护服。

手防护 戴适当手套。

呼吸系统防护 当浓度超过接触限值时，工人必须使用合适的呼吸器。

第9部分：理化特性

基本理化特性信息

外观	Granulate Cylindric
物理状态	固体
颜色	红色
气味	轻微
气味阈值	无资料

性质	值	备注 • 方法
pH值	无资料	未知
熔点 / 凝固点	无资料	未知
初沸点和沸程	无资料	未知
闪点	无资料	未知
蒸发速率	无资料	未知
易燃性	无资料	未知
空气中的燃烧极限		未知
燃烧或爆炸上限	无资料	
燃烧或爆炸下限	无资料	
蒸气压	无资料	未知
相对蒸气密度	无资料	未知
相对密度	无资料	未知
水溶性	无资料	未知
溶解度	无资料	未知
分配系数	无资料	未知
自燃温度	无资料	未知
分解温度	无资料	未知
SADT (°C)	无资料	未知
运动粘度	无资料	未知
动力粘度	无资料	未知

其他信息

第10部分：稳定性和反应性

稳定性 在推荐的储存条件下稳定。

危险反应	正常处理过程中不会发生。
反应性	无资料。
应避免的条件	远离明火、热表面和点火源。静态放电(静电放电)。存储在会与其反应的物质附近。粉尘形成。防潮。
禁配物	强氧化剂、强酸和强碱。
危险的分解产物	在正常使用条件下无。

第11部分：毒理学信息

该混合物整体尚未就健康影响进行评估。所列暴露效应基于构成该混合物的各单一组分的现有健康数据。

关于可能的接触途径的信息

产品信息

吸入	本物质或混合物的具体测试数据不可得。
皮肤接触	本物质或混合物的具体测试数据不可得。
眼睛接触	本物质或混合物的具体测试数据不可得。
食入	本物质或混合物的具体测试数据不可得。

与物理、化学和毒理学性质有关的症状

症状	无资料。
急性毒性	基于现有数据，不符合分类标准。
毒性数值计算	无资料

迟发和即时影响以及来自短期和长期接触的慢性影响

皮肤腐蚀/刺激	基于现有数据，不符合分类标准。
严重眼损伤/眼刺激	基于现有数据，不符合分类标准。
呼吸或皮肤过敏	基于现有数据，不符合分类标准。
生殖细胞突变性	基于现有数据，不符合分类标准。
致癌性	基于现有数据，不符合分类标准。
生殖毒性	基于现有数据，不符合分类标准。
特异性靶器官系统毒性(一次接触)	基于现有数据，不符合分类标准。
特异性靶器官毒性 (反复接触)	基于现有数据，不符合分类标准。
吸入危害	基于现有数据，不符合分类标准。

第12部分：生态学信息

生态毒性 基于现有数据，不符合分类标准。

持久性和降解性 无资料。

潜在的生物累积性 无资料。

土壤中的迁移性 无资料。

其他有害影响 无资料。

第13部分：废弃处置

废弃化学品 按照当地规定处理。按照环境法规处置废弃物。

污染包装物 不要重复使用空容器。

第14部分：运输信息

JT/T 617 未作规定

IMDG 未作规定
依据MARPOL 73/78和IBC规则的散货运输 无资料

IATA 未作规定

运输注意事项
请参阅适用的危险货物相关规则所规定的其他内容

第15部分：法规信息

物质或混合物的特定安全、健康和环境法规/法律

国家法规

中华人民共和国职业病防治法

职业病危害因素分类目录： 不适用。
职业病目录： 不适用。

危险化学品安全管理条例
危险化学品目录
不适用。

GB 18218-2018 危险化学品重大危险源辨识 不适用

重点监管的危险化学品名录	不适用
使用有毒物质作业场所劳动保护条例 高毒物品目录	不适用
化学品首次进口及有毒化学品进出口环境管理规定 中国严格限制的有毒化学品名录	不适用
新化学物质环境管理办法 IECSC - 中国现有化学物质名录	未确定。

国际法规

鹿特丹公约 不适用

国际清单

TSCA	未确定
DSL/NDSL	未确定
ENCS	未确定
IECSC	未确定
KECL	未确定
PICCS	未确定
AIIC	未确定
NZIoC	未确定
TCSI	未确定

第16部分：其他信息

修订日期 23-09-2026

修订说明

缩略语和首字母缩写词

安全数据表中所用缩写及简写之解释或图例

列表可能包含不适用于该产品的表述

ACGIH	美国政府工业卫生学家会议
ADN	《欧洲国际内河运输危险货物协定》
ADR	《欧洲危险货物国际公路运输协定》
AIIC	澳大利亚工业化学品名录
ATE	急性毒性估计
ASTM	美国材料与试验协会
bar	工作区域化合物的生物参考值
BAT	职业接触生物耐受限值
BEL	生物接触限值
bw	体重
上限	最大限值
CMR	致癌物、致突变物和生殖毒性物质
DOT	美国运输部
DSL	加拿大国内物质清单
EINECS	欧洲现有化学品目录
ELINCS	欧洲通报化学物质名录
EmS	危险品应急措施
ENCS	现有化学物质和新化学物质(日本)
EPA	美国国家环境保护局 (Environmental Protection Agency)
GHS	全球化学品统一分类和标签制度
IARC	国际癌症研究机构
IATA	国际航空运输协会
IBC	《国际散装运输危险化学品船舶构造和设备规则》

产品名称
修订日期

ONCOLOR RED AI31447058-121130-26
23-09-2026

SDS编号

ECA_AI31447058

ICAO	国际民用航空组织
IECSC	《中国现有化学物质名录》
IMDG	国际海运危险货物
IMO	国际海事组织
ISO	国际标准化组织
KECI	韩国现有化学物质名录
LC50	测试人群半数致死浓度
LD50	测试人群半数致死剂量(半数致死量)
MARPOL	《国际防止船舶污染公约》
NDSL	非国内物质清单(加拿大)
未另作规定的	未另行说明
NOAEC	未观察到有害效应浓度
NOAEL	无可见有害效应水平
NOELR	无可观察到的效应加载率
NZIoC	纽西兰化学品列表
OECD	经济合作与发展组织
OEL	职业接触限值
PBT	持久性、生物累积性和毒性物质
PICCS	菲律宾化学品与化学物质列表
PMT	持久性、迁移性和毒性
PPE	个人防护设备
QSAR	定量构效关系
RID	《关于国际危险品铁路运输的欧洲协定》
SADT	自加速分解温度
SAR	构效关系
SDS	安全技术说明书
SL	表面限值
STEL	短期接触限值
STOT RE	特异性靶器官毒性 - 反复接触
STOT SE	特异性靶器官毒性 - 一次接触
TCSI	台湾化学物质清单
TDG	危险货物运输(加拿大)
TSCA	《美国有毒物质控制法案》
TWA	时间加权平均值
UN	联合国
VOC	挥发性有机化合物
vPvB	高持久性和高生物累积性
vPvM	高持久性和高迁移性
As	致敏物质
C_G1	组别1 - 对人类致癌
C_G2A	组别2A - 很有可能对人类致癌
C_G2B	组别2B - 可能对人类致癌
DS	皮肤致敏剂
Ot	耳毒性
pOt	耳毒性物质 - 可能导致听力障碍
PS	光敏剂
RS	呼吸致敏物
S	致敏物质
poS	致敏剂 - 能够引起职业性哮喘
Sa	单纯窒息剂
Sd	通过完整的皮肤吸收引起全身效应
pSd	经皮吸收 - 皮肤吸收的可能性
Sdv	经皮吸收 - 撤销
Sk	皮肤标记
dSk	皮肤标记 - 皮肤吸收的危险
pSk	皮肤标记 - 皮肤吸收的可能性

用于编制SDS的关键文献参考和数据来源

美国毒物和疾病登记署(Agency for Toxic Substances and Disease Registry, ATSDR)

美国环保署ChemView数据库

欧洲食品安全局(EFSA)
美国国家环境保护局 (Environmental Protection Agency)
美国环保署急性接触指导水平 (AEGL(s))
美国环境保护署联邦杀虫剂、杀菌剂和杀鼠剂法
美国环保局高产量化学品
食品研究杂志
美国危险物质数据库(HSDB)
国际统一化学品信息数据库 (IUCLID)
日本国家技术与评估研究所(National Institute of Technology and Evaluation, NITE)
澳大利亚国家工业化学品申报与评估署(NICNAS)
美国国家职业安全与健康研究所(NIOSH)
医药的ChemID Plus(NLM CIP)的国家图书馆
国家医学图书馆PubMed数据库(NLM PUBMED)
《美国国家毒理学计划》(NTP)
新西兰化学分类和信息数据库(CCID)
经济合作与发展组织(International Organization for Economic Co-operation and Development, OECD)环境、健康与安全出版物
经济合作与发展组织(International Organization for Economic Co-operation and Development, OECD)高产量化学品方案
经济合作与发展组织(International Organization for Economic Co-operation and Development, OECD)筛选信息数据集
联合国世界卫生组织(World Health Organization, WHO)

免责声明

致读者：据我们所知，本文所含信息是准确的。然而，上述供应商及其任何子公司均不对这些信息的准确性或完整性承担任何责任。任何材料适用性的最终判定由用户自行负责。所有材料可能存在未知危害，应谨慎使用。尽管本文描述了某些危害，但我们不能保证这些就是全部可能存在的危害。特别是，如果该材料与其他材料共同使用或用于未在文本中说明的工艺中，本信息可能不适用。。



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
GB/T 16483-2008, GB/T 17519-2013

Product Name ONCOLOR RED AI31447058-121130-26

Revision date 23-09-2026

Version 1

(M)SDS Number ECA_AI31447058

1. Identification

Product identifier

Product Name ONCOLOR RED AI31447058-121130-26

Product Code AI31447058

Material number(s) AI31447058

Other means of identification

(M)SDS Number ECA_AI31447058

Substance/mixture Mixture

Details of the supplier of the safety data sheet

Supplier

Avient Corporation
2F, Block C, 200 Jinsu Road
Pudong Shanghai, China 201206

E-mail address RegulatoryServicesAsia@Avient.com

Company Phone Number +86 60284888

Emergency telephone number

Emergency telephone number (Chemtrec 24h) +65 3163 8374

Recommended use of the chemical and restrictions on use

Recommended use For industrial use only

Restrictions on use None

2. Hazard(s) identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

Emergency Overview

No significant adverse health effects

Appearance Granulate Cylindric
Physical state Solid
Odor No information available

Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS). Not classified.

Label elements

No label elements required.

Hazard statements

No hazard statements required.

Physical and chemical hazards

Not applicable.

Health hazards

Immediate Health Effects: Not applicable.

Chronic effects: Not applicable.

Environmental hazards

Not applicable.

Other hazards which do not result in classification

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health

4. First-aid measures

Description of necessary first aid measures

Skin contact

Do not try to remove solidified material from the skin. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. In the case of skin irritation or allergic reactions see a physician.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice and attention.

Inhalation

Move victim to fresh air. Get medical attention immediately if symptoms occur.

Ingestion

Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Symptoms

No information available.

Effects of Exposure

None.

<u>For emergency responders</u>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. First aider: Pay attention to self-protection.
--	---

<u>Note to physicians</u>	Treat symptomatically.
----------------------------------	------------------------

5. Fire-fighting measures

Extinguishing media

Suitable Extinguishing Media	Dry chemical, CO2, water spray or regular foam.
-------------------------------------	---

Unsuitable extinguishing media	Do not use water jetstream.
---------------------------------------	-----------------------------

<u>Specific hazards arising from the chemical</u>	No information available.
--	---------------------------

Hazardous combustion products	Decomposition products can include and are not limited to:. Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Ammonia. Hydrogen sulfide. Sulfur oxides. Sulfur trioxide. Oxides of sulfur.
--------------------------------------	--

<u>Special protective actions for fire-fighters</u>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.
--	---

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Evacuate personnel to safe areas. Special danger of slipping by leaking/spilling product. See section 8 for more information.
-----------------------------	--

For emergency responders	Use personal protection recommended in Section 8.
---------------------------------	---

<u>Environmental precautions</u>	Prevent entry into waterways, sewers, basements or confined areas. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.
---	---

<u>Methods and material for containment and cleaning up</u>	Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.
--	--

<u>Precautions to prevent secondary hazards</u>	Clean contaminated objects and areas thoroughly observing environmental regulations.
--	--

Reference to other sections	See section 8 for more information. See section 13 for more information.
------------------------------------	--

7. Handling and storage

<u>Precautions for safe handling</u>	Ensure adequate ventilation. Avoid contact with skin and eyes.
---	--

<u>General hygiene considerations</u>	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.
--	---

Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place. Keep cool. Protect from sunlight. Protect from moisture.

Incompatible materials None known based on information supplied.

8. Exposure controls/personal protection

Occupational exposure limits

This product, as supplied, contains materials that do not have reportable occupational exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Biological occupational exposure limits

This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Monitoring and observation processes

No applicable information was found.

Engineering controls

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear suitable protective clothing.
Hand protection	Wear suitable gloves.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Granulate Cylindric
Physical state	Solid
Color	red
Odor	Slight
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known

Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
SADT (°C)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Additional information

10. Stability and reactivity

<u>Stability</u>	Stable under recommended storage conditions.
<u>Possibility of hazardous reactions</u>	None under normal processing.
<u>Reactivity</u>	No information available.
<u>Conditions to avoid</u>	Keep away from open flames, hot surfaces and sources of ignition. static discharge (electrostatic discharge). Storage near to reactive materials. Dust formation. Protect from moisture.
<u>Incompatible materials</u>	Strong oxidizing agents, strong acids, and strong bases.
<u>Hazardous decomposition products</u>	None under normal use conditions.

11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
Acute toxicity	Based on available data, the classification criteria are not met.
<u>Numerical measures of toxicity</u>	No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.

Germ cell mutagenicity	Based on available data, the classification criteria are not met.
------------------------	---

Carcinogenicity	Based on available data, the classification criteria are not met.
-----------------	---

Reproductive toxicity	Based on available data, the classification criteria are not met.
-----------------------	---

Specific target organ toxicity (single exposure)	Based on available data, the classification criteria are not met.
--	---

Specific target organ toxicity (repeated exposure)	Based on available data, the classification criteria are not met.
--	---

Aspiration hazard	Based on available data, the classification criteria are not met.
-------------------	---

12. Ecological information

<u>Ecotoxicity</u>	Based on available data, the classification criteria are not met.
--------------------	---

<u>Persistence and degradability</u>	No information available.
--------------------------------------	---------------------------

<u>Bioaccumulative potential</u>	No information available.
----------------------------------	---------------------------

<u>Mobility in soil</u>	No information available.
-------------------------	---------------------------

<u>Other adverse effects</u>	No information available.
------------------------------	---------------------------

13. Disposal considerations

<u>Waste chemicals</u>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
------------------------	---

<u>Contaminated packaging</u>	Do not reuse empty containers.
-------------------------------	--------------------------------

14. Transport information

<u>JT/T 617</u>	Not regulated
-----------------	---------------

<u>IMDG</u>	Not regulated
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

<u>IATA</u>	Not regulated
-------------	---------------

Special precautions for user

Please refer to the applicable dangerous goods regulations for additional information

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Law of the People's Republic of China on Prevention and Control of Occupational Diseases

Catalog of occupational hazard factors:	Not applicable.
Catalog of occupational diseases:	Not applicable.

Regulations on the Control over Safety of Hazardous Chemicals

Catalog of Hazardous Chemicals

Not applicable.

<u>GB 18218-2018 Identification of major hazard installations for dangerous chemicals</u>	Not applicable
---	----------------

List of hazardous chemicals under priority management	Not applicable
--	----------------

Regulations on Labor Protection in Workplaces Where Toxic Substances Are Used

Inventory of highly toxic goods	Not applicable
---------------------------------	----------------

Regulations for Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

Catalog of Severely Restricted Toxic Chemicals	Not applicable
--	----------------

Measures for the Environmental Management of New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances	Not determined.
--	-----------------

International Regulations

The Rotterdam Convention	Not applicable
---------------------------------	----------------

International Inventories

TSCA	Not determined
DSL/NDL	Not determined
ENCS	Not determined
IECSC	Not determined
KECL	Not determined
PICCS	Not determined
AIIC	Not determined
NZIoC	Not determined
TCSI	Not determined

16. Other information

Revision date	23-09-2026
----------------------	------------

Revision Note

Abbreviations and acronyms

Key or legend to abbreviations and acronyms used in the safety data sheet

List may include phrases which are not applicable to this product

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

	(Europe)
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)
AIIC	Australian Inventory of Industrial Chemicals
ATE	Acute Toxicity Estimate
ASTM	American Society for the Testing of Materials
bar	Biological Reference Values for Chemical Compounds in the Work Area
BAT	Biological tolerance values for occupational exposure
BEL	Biological exposure limits
bw	Body weight
Ceiling	Maximum limit value
CMR	Carcinogen, Mutagen or Reproductive Toxicant
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EINECS	European Inventory of Existing Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	U.S. Environmental Protection Agency
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organization
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organization for Standardization
KECI	Korean Existing Chemicals Inventory
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL	International Convention for the Prevention of Pollution from Ships
NDSL	Non-Domestic Substances List (Canada)
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOELR	No Observable Effect Loading Rate
NZIoC	New Zealand Inventory of Chemicals
OECD	Organization for Economic Cooperation and Development
OEL	Occupational exposure limits
PBT	Persistent, Bioaccumulative and Toxic substance
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PMT	Persistent, Mobile and Toxic
PPE	Personal protective equipment
QSAR	Quantitative Structure Activity Relationship
RID	Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure-activity relationship
SDS	Safety Data Sheet
SL	Surface Limit
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
TSCA	Toxic Substances Control Act (United States)
TWA	Time-Weighted Average
UN	United Nations
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative

vPvM	Very Persistent and Very Mobile
As	Allergenic substance
C G1	Group 1 - Carcinogenic to humans
C G2A	Group 2A - Probably carcinogenic to humans
C G2B	Group 2B - Possibly carcinogenic to humans
DS	Dermal Sensitizer
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitizer
RS	Respiratory Sensitizer
S	Sensitizer
poS	Sensitizer - capable of causing occupational asthma
Sa	Simple asphyxiant
Sd	Skin designation
pSd	Skin designation - potential for cutaneous absorption
Sdv	Skin designation - vacated
Sk	Skin notation
dSk	Skin notation - danger of cutaneous absorption
pSk	Skin notation - potential for cutaneous absorption

Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 U.S. Environmental Protection Agency
 U.S. EPA Acute Exposure Guideline Level(s) (AEGL(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 U.S. Hazardous Substance Data Bank (HSDB)
 International Uniform Chemical Information Database (IUCLID)
 Japan National Institute of Technology and Evaluation (NITE)
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 U.S. National Institute for Occupational Safety and Health (NIOSH)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
 United Nations World Health Organization (WHO)

Disclaimer

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly, this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.