

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS which includes the amended Hazardous
Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 26-Aug-2025

Revision date 04-Mar-2022

Revision Number 2

1. Identification

Product identifier

Product Name Milani Keep It Full Nourishing Lip Plumper

Other means of identification

Product Code(s) 1419926

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Lip Plumper

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Name MILANI COSMETICS

Supplier Address

2111 E. 49TH ST
LOS ANGELES
California
90058
US

Emergency telephone number

Supplier Phone Number Phone:323-589-5625

24 Hour Emergency Phone Number 800-424-9300

Emergency Telephone No information available

2. Hazard(s) identification

Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration hazard	Category 1

Label elements

**Danger****Hazard statements**

Causes skin irritation.
 Causes serious eye irritation.
 Causes damage to organs through prolonged or repeated exposure.
 May be fatal if swallowed and enters airways.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Do not breathe dust.
 Do not eat, drink or smoke when using this product.
 Wear protective gloves, protective clothing, eye protection and face protection.

Precautionary Statements - Response

Get medical advice/attention if you feel unwell.
 Specific treatment (see supplemental first aid instructions on this label).

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice and attention.

Skin

IF ON SKIN: Wash with plenty of water and soap.
 If skin irritation occurs: Get medical advice and attention.
 Take off contaminated clothing and wash it before reuse.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 Do NOT induce vomiting.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

No information available.

Other information

Harmful to aquatic life.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Polybutene	9003-29-6	52.6674	-	-

Silicon Dioxide - hydrated	7631-86-9	2.1997	-	-
Mica	12001-26-2	1.4751	-	-
Ci 77491	1309-37-1	1.1328	-	-
Titanium dioxide	13463-67-7	0.8104	-	-
Dioxaspiro(1,4)[4.5]decane-2-hydroxymethyl-6-(1-methylethylethyl)-9-methyl	63187-91-7	0.5	-	-
D-Limonene	5989-27-5	0.25	-	-

4. First-aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. May cause redness and tearing of the eyes. Burning sensation.
Effects of Exposure	Causes damage to organs through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.
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5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical No information available.

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

General hygiene considerations Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store away from other materials.

8. Exposure controls/personal protection

Control Parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Silicon Dioxide - hydrated 7631-86-9	10 mg/m ³	20 mppcf TWA; ((80))/(% SiO ₂) mg/m ³	TWA: 6 mg/m ³ ; IDLH: 3000 mg/m ³

Mica 12001-26-2	TWA: 3 mg/m ³	TWA: 20 mppcf (<1% crystalline silica) 3 mg/m ³ (vacated)	IDLH: 1500 mg/m ³ containing <1% quartz TWA: 3 mg/m ³ respirable dust
Ci 77491 1309-37-1	TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m ³ respirable fraction regulated under Rouge	TWA: 5 mg/m ³ ; Fe dust and fume IDLH: 2500 mg/m ³ Fe dust and fume
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³

Chemical name	Alberta	British Columbia	Ontario	Quebec
Mica 12001-26-2	TWA: 3 mg/m ³ ; respirable	TWA: 3 mg/m ³ ; respirable	TWA: 3 mg/m ³ ; respirable particulate matter	TWAEV: 0.1 mg/m ³ ; respirable aerosol fraction
Ci 77491 1309-37-1	TWA: 5 mg/m ³ ; respirable	TWA: 10 mg/m ³ ; total particulate TWA: 3 mg/m ³ ; respirable particulate TWA: 5 mg/m ³ ; dust and fume STEL: 10 mg/m ³ ; fume	TWA: 5 mg/m ³ ; respirable particulate matter	TWAEV: 5 mg/m ³ ; dust and fume
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³ ;	TWA: 10 mg/m ³ ; total dust TWA: 3 mg/m ³ ; respirable fraction	TWA: 10 mg/m ³ ;	TWAEV: 10 mg/m ³ ; total dust

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
Mica	TWA: 0.1 mg/m ³ ; respirable particulate matter	TWA: 3 mg/m ³ ; respirable fraction	TWA: 0.1 mg/m ³ ; respirable particulate matter	TWA: 0.1 mg/m ³ ; respirable particulate matter
Ci 77491	TWA: 5 mg/m ³ ; respirable particulate matter	TWA: 5 mg/m ³ ; respirable fraction	TWA: 5 mg/m ³ ; respirable particulate matter	TWA: 5 mg/m ³ ; respirable particulate matter
Titanium dioxide	TWA: 0.2 mg/m ³ ; nanoscale respirable particulate matter TWA: 2.5 mg/m ³ ; finescale respirable particulate matter	TWA: 10 mg/m ³ ;	TWA: 0.2 mg/m ³ ; nanoscale respirable particulate matter TWA: 2.5 mg/m ³ ; finescale respirable particulate matter	TWA: 0.2 mg/m ³ ; nanoscale respirable particulate matter TWA: 2.5 mg/m ³ ; finescale respirable particulate matter

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Silicon Dioxide - hydrated	-	-	-	TWA: 300 particle/mL; TWA: 20 mppcf; TWA: 2 mg/m ³ ; respirable mass
Mica	TWA: 3 mg/m ³ ; respirable fraction STEL: 6 mg/m ³ ; respirable fraction	TWA: 0.1 mg/m ³ ; respirable particulate matter	TWA: 3 mg/m ³ ; respirable fraction STEL: 6 mg/m ³ ; respirable fraction	TWA: 20 mppcf;
Ci 77491	TWA: 5 mg/m ³ ; dust and	TWA: 5 mg/m ³ ;	TWA: 5 mg/m ³ ; dust and	TWA: 5 mg/m ³ ; fume

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
	fume TWA: 10 mg/m ³ ; STEL: 10 mg/m ³ ; dust and fume STEL: 20 mg/m ³ ;	respirable particulate matter	fume TWA: 10 mg/m ³ ; STEL: 10 mg/m ³ ; dust and fume STEL: 20 mg/m ³ ;	TWA: 30 mppcf; TWA: 10 mg/m ³ ; STEL: 10 mg/m ³ ; fume STEL: 20 mg/m ³ ;
Titanium dioxide	TWA: 10 mg/m ³ ; STEL: 20 mg/m ³ ;	TWA: 0.2 mg/m ³ ; nanoscale respirable particulate matter TWA: 2.5 mg/m ³ ; finescale respirable particulate matter	TWA: 10 mg/m ³ ; STEL: 20 mg/m ³ ;	TWA: 30 mppcf; TWA: 10 mg/m ³ ; STEL: 20 mg/m ³ ;

Note

See section 16 for terms and abbreviations.

Other information on limit values

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

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.

Appropriate engineering controls**Engineering controls**Showers
Eyewash stations
Ventilation systems.**Individual protection measures, such as personal protective equipment****Eye/face protection**

If splashes are likely to occur, wear safety glasses with side-shields.

Hand protection

Wear suitable gloves. Impervious gloves.

Skin and body protection

Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection

Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

9. Physical and chemical properties**Information on basic physical and chemical properties**

Appearance	Multiple Colors
Physical state	Liquid
Color	No information available
Odor (includes odor threshold)	Pleasant
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Boiling point (or initial boiling point or boiling range)	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	
Flash point	104.8 °C / 220.6 °F	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
SADT (°C)	No data available	None known
pH	No data available	
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Solubility	No data available	None known
Water solubility	No data available	
Partition coefficient n-octanol/water (log value)	NOT APPLICABLE	
Vapor pressure (includes evaporation rate)	No data available	None known
Evaporation rate	No data available	None known
Density and/or relative density	0.93	
Bulk density	No data available	
Liquid Density	No data available	
Relative vapor density	No data available	None known
Particle characteristics		None known
Particle Size	No data available	
Particle Size Distribution	No data available	

Other information

Miscible	No
Heat of combustion	25.9393

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.

11. Toxicological information**Information on likely routes of exposure****Product Information**

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. May cause irritation. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Repeated exposure may cause skin dryness or cracking.

Ingestion

Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics**Symptoms**

Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.

Acute toxicity

No information available.

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	99,999.00 mg/kg
ATEmix (dermal)	99,999.00 mg/kg
ATEmix (inhalation-gas)	99,999.00 ppm
ATEmix (inhalation-vapor)	99,999.00 mg/l
ATEmix (inhalation-dust/mist)	99,999.00 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Polybutene 9003-29-6	-	> 2000 mg/kg (Rat)	> 19171 mg/m ³ (Rat) 4 h
Silicon Dioxide - hydrated 7631-86-9	= 7900 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5.01 mg/L (Rat) 4 h
Ci 77491 1309-37-1	> 10000 mg/kg (Rat)	-	-
Titanium dioxide 13463-67-7	> 2000 mg/kg (Rat)	-	> 5.09 mg/L (Rat) 4 h
Dioxaspiro(1,4)[4.5]decane-2-hydroxy methyl-6-(1-methylethyl)-9-methyl 63187-91-7	-	> 2000 mg/kg (Rat)	-
D-Limonene 5989-27-5	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

Classification based on data available for ingredients. Causes skin irritation.

Serious eye damage/eye irritation

Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

Classification based on data available for ingredients. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Silicon Dioxide - hydrated 7631-86-9	-	Group 3	-	-
Ci 77491 1309-37-1	A4 - Not Classifiable as a Human Carcinogen	Group 3	-	-
Titanium dioxide 13463-67-7	A3 A3 - Confirmed Animal	Group 2B	-	X

	Carcinogen with Unknown Relevance to Humans			
D-Limonene 5989-27-5	-	Group 3	-	-

Legend**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

A4 - Not classifiable as a human carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly carcinogenic to humans

Group 3 - Not classifiable as to carcinogenicity in humans

Occupational Safety and Health Administration of the US Department of Labor

X - Present

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.

12. Ecological information**Ecotoxicity** Harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Polybutene 9003-29-6	-	-	-	48h EC50: > 100 mg/L (Daphnia magna)
Silicon Dioxide - hydrated 7631-86-9	72h EC50: = 440 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 5000 mg/L (Brachydanio rerio)	-	48h EC50: = 7600 mg/L (Ceriodaphnia dubia)
Ci 77491 1309-37-1	-	96h LC50: = 100000 mg/L (Danio rerio)	-	-
D-Limonene 5989-27-5	-	96h LC50: 0.619 - 0.796 mg/L (Pimephales promelas) 96h LC50: = 35 mg/L (Oncorhynchus mykiss)	-	-

Persistence and degradability No information available.**Bioaccumulation****Component Information**

Chemical name	Partition coefficient
Polybutene 9003-29-6	7.8
Dioxaspiro(1,4)[4.5]decane-2-hydroxymethyl-6-(1-methylethyl)-9-methyl 63187-91-7	3.036
D-Limonene 5989-27-5	4.38

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California waste information This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. Transport information

DOT NOT REGULATED
Hazard Class N/A

TDG Not applicable

MEX Not applicable

ICAO (air) Not applicable

IATA Not applicable
Transport hazard class(es) N/A

IMDG Not applicable
Transport hazard class(es) N/A

15. Regulatory information

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

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status.

DSL/NDSL Contact supplier for inventory compliance status.
EINECS/ELINCS Contact supplier for inventory compliance status.
ENCS Contact supplier for inventory compliance status.
IECSC Contact supplier for inventory compliance status.

KECI	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AIIC	Contact supplier for inventory compliance status.
NZIoC	Contact supplier for inventory compliance status.
TCSI	Contact supplier for inventory compliance status.

Legend:

TSCA	- United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	- Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	- Japan Existing and New Chemical Substances
IECSC	- China Inventory of Existing Chemical Substances
KECL	- Korean Existing Chemicals Inventory
PICCS	- Philippines Inventory of Chemicals and Chemical Substances
AIIC	- Australian Inventory of Industrial Chemicals
NZIoC	- New Zealand Inventory of Chemicals
TCSI	- Taiwan Chemical Substance Inventory

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CAA (Clean Air Act)

This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Silicon Dioxide - hydrated 7631-86-9	-	X	X
Mica 12001-26-2	X	X	X
Ci 77491 1309-37-1	X	-	X
Titanium dioxide 13463-67-7	X	X	X
Barium sulfate	X	X	X

7727-43-7			
Tin oxide 18282-10-5	X	X	-

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA Health hazards 2 Flammability 1 Instability 0 Special hazards -
HMIS Health hazards 2* Flammability 1 Physical hazards 0 Personal protection X
 Chronic Hazard Star Legend * = Chronic Health Hazard

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

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)
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	Environmental Protection Agency
GHS	Globally Harmonized System
HMIS	Hazardous Materials Identification 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
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOELR	No Observable Effect Loading Rate
NTP	National Toxicology Program (United States)

NZIoC	New Zealand Inventory of Chemicals
OECD	Organization for Economic Cooperation and Development
OEL	Occupational exposure limits
OSHA	Occupational Safety and Health Administration of the US Department of Labor
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
SARA	Superfund Amendments and Reauthorization Act
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
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

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 Environmental Protection Agency
 Acute Exposure Guideline Level(s) (AELG(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 National Institute of Technology and Evaluation (NITE)
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 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)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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Issuing Date 26-Aug-2025

Revision date 04-Mar-2022

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet