

Revision date 12-Mar-2025

Version 2

1. Identification

Product identifier

Product Name ADVANCED BK TRIPLE AMINO ACID CLEANSER

Other means of identification

Product Code(s) VFC500M02U

UN number or ID number UN3082

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Personal Care Product. For professional use only.

Restrictions on use All other uses. Not for personal use in this form or concentration.

Details of the supplier of the safety data sheet

Supplier Address

The Estée Lauder Companies Inc.
125 Pinelawn Road
Melville, NY 11747

E-mail SDS@ESTEE.COM

Emergency telephone number

Company Phone Number 1-877-311-3883

Emergency Telephone Chemtrec 1-800-424-9300
Chemtrec International +1 703-741-5970

2. Hazard(s) identification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

**Danger****Hazard statements**

Causes skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.
IF ON SKIN: Wash with plenty of water and soap.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Other information

Toxic to aquatic life with long lasting effects. Harmful to aquatic life.

3. Composition/information on ingredients**Substance**

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Trade secret
MYRISTIC ACID	544-63-8	10 - 30*	*
GLYCERIN	56-81-5	7 - 13*	*
POTASSIUM HYDROXIDE	1310-58-3	1 - 5*	*
LAURIC ACID	143-07-7	1 - 5*	*
BEHENIC ACID	112-85-6	1 - 5*	*
PHENOXYETHANOL	122-99-6	0.1 - 1*	*
LIMONENE	138-86-3	0.1 - 1*	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

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	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Get immediate medical attention. 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.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).
<u>Most important symptoms and effects, both acute and delayed</u>	
Symptoms	Burning sensation. Itching. Rashes. Hives.
Effects of Exposure	No information available.
<u>Indication of any immediate medical attention and special treatment needed</u>	
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	Product is or contains a sensitizer. May cause sensitization by skin contact.
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	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
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. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse.
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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.
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8. Exposure controls/personal protection

Control parameters

Exposure Limits	The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.
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Chemical name	ACGIH TLV	OSHA PEL	NIOSH
GLYCERIN 56-81-5	-	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	-
POTASSIUM HYDROXIDE 1310-58-3	Ceiling: 2 mg/m ³	(vacated) Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering controls	Showers Eyewash stations Ventilation systems.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles.
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.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	liquid
Appearance	opaque pearlescent cream
Color	white to off-white
Odor	minty citrus top note with spicy woody undertone
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.55	None known
pH (as aqueous solution)		None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	93.89 °C / 201 °F	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	1	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	225 °C / 437.0 °F	None known
Decomposition temperature		None known
Kinematic viscosity	45	None known
Dynamic viscosity	No data available	None known

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC content	No information available
Liquid Density	No information available
Bulk density	No information available

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None known based on information supplied.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 7,693.10 mg/kg
ATEmix (dermal) 19,389.80 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
MYRISTIC ACID 544-63-8	> 10 g/kg (Rat)	-	-
GLYCERIN 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 2.75 mg/L (Rat) 4 h
POTASSIUM HYDROXIDE 1310-58-3	= 284 mg/kg (Rat)	-	-
LAURIC ACID 143-07-7	= 12 g/kg (Rat)	-	-
BEHENIC ACID 112-85-6	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
PHENOXYETHANOL	= 1850 mg/kg (Rat)	= 5 mL/kg (Rabbit)	> 0.057 mg/L (Rat) 8 h

122-99-6			
LIMONENE 138-86-3	= 5300 mg/kg (Rat)	-	-

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

Skin corrosion/irritation	May cause skin irritation. Classification based on data available for ingredients. Causes skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Causes serious eye damage.
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target organ effects	Kidney, Respiratory system, Eyes, Skin.
Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

12. Ecological information

Ecotoxicity	Toxic to aquatic life with long lasting effects. Harmful to aquatic life.
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Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
MYRISTIC ACID 544-63-8	-	LC50: =118mg/L (96h, Oryzias latipes)	-	-
LAURIC ACID 143-07-7	-	LC50: =5mg/L (96h, Oryzias latipes)	-	-
BEHENIC ACID 112-85-6	-	LC50: >5mg/L (96h, Oryzias latipes)	-	-
PHENOXYETHANOL 122-99-6	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: =366mg/L (96h, Pimephales promelas)	-	EC50: >500mg/L (48h, Daphnia magna)

Persistence and degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
MYRISTIC ACID 544-63-8	5.9
GLYCERIN 56-81-5	-1.75
POTASSIUM HYDROXIDE 1310-58-3	0.83
LAURIC ACID 143-07-7	4.2
BEHENIC ACID 112-85-6	4.121
PHENOXYETHANOL 122-99-6	1.2

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

14. Transport information

DOT

UN number or ID number UN3082
Proper shipping name Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es) 9
Packing group III
Reportable Quantity (RQ) (POTASSIUM HYDROXIDE: RQ (kg)= 454.00) POTASSIUM HYDROXIDE: RQ (lb)= 1000.00
Reportable quantity (kg) (calculated) POTASSIUM HYDROXIDE: RQ (kg)= 11249.15
Reportable quantity (lbs) (calculated) POTASSIUM HYDROXIDE: RQ (lb)= 24778.00
Special Provisions 8, 146, 173, 335, 441, IB3, T4, TP1, TP29
DOT Marine Pollutant I
Marine pollutant MYRISTIC ACID, BEHENIC ACID
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (MYRISTIC ACID, BEHENIC ACID), 9, III
Emergency Response Guide Number 171

TDG

UN number or ID number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
Special Provisions	16, 99
Marine pollutant name	MYRISTIC ACID.
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (MYRISTIC ACID), 9, III

MEX

UN number or ID number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
MEX Technical Name	MYRISTIC ACID, BEHENIC ACID
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (MYRISTIC ACID, BEHENIC ACID), 9, III
Special Provisions	274, 331, 335

ICAO (air)

UN number or ID number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (MYRISTIC ACID, BEHENIC ACID), 9, III
Special Provisions	A97, A158, A197, A215

IATA

UN number or ID number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
IATA Technical Name	MYRISTIC ACID, BEHENIC ACID
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (MYRISTIC ACID, BEHENIC ACID), 9, III
Special Provisions	A97, A158, A197
ERG Code	9L

IMDG

UN number or ID number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Transport hazard class(es)	9
Packing group	III
EmS-No.	F-A, S-F
Special Provisions	274, 335, 969
Marine pollutant	P
Marine Pollutant	MYRISTIC ACID, BEHENIC ACID
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (MYRISTIC ACID, BEHENIC ACID), 9, III, Marine pollutant

15. Regulatory information**International Inventories**

TSCA Contact supplier for inventory compliance status.

Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
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Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
WATER	7732-18-5	Present	Active
MYRISTIC ACID	544-63-8	Present	Active
GLYCERIN	56-81-5	Present	Active
SODIUM METHYL COCOYL TAURATE	61791-42-2	Present	Active
POTASSIUM HYDROXIDE	1310-58-3	Present	Active
BEHENIC ACID	112-85-6	Present	Active
LAURIC ACID	143-07-7	Present	Active
POTASSIUM COCOYL GLYCINATE	90387-74-9	-	Unknown *
POTASSIUM MYRISTOYL GLUTAMATE	72716-26-8	-	Unknown *
YEAST EXTRACT DE LEVURE	8013-01-2	Present	Active
PHENOXYETHANOL	122-99-6	Present	Active
GLYCOL DISTEARATE	627-83-8	Present	Active
SODIUM LAUROYL SARCOSINATE	137-16-6	Present	Active
SODIUM PHYTATE	14306-25-3	-	Unknown *
CAFFEINE	58-08-2	Present	Active
DIHYDROXYPROPYL ARGININE HCL	787607-61-8	-	Unknown *
LIMONENE	138-86-3	Present	Active
NIACINAMIDE	98-92-0	Present	Active
SODIUM HYALURONATE	9067-32-7	-	Unknown *
CITRONELLOL	106-22-9	Present	Active
LINALOOL	78-70-6	Present	Active
CANANGA ODORATA FLOWER OIL	8006-81-3	Present	Active
LAVANDULA ANGUSTIFOLIA (LAVENDER) OIL	8000-28-0	Present	Active
VETIVERIA ZIZANOIDES ROOT OIL	8016-96-4	Present	Active
ROSMARINUS OFFICINALIS (ROSEMARY) LEAF OIL	8000-25-7	Present	Active
PELARGONIUM GRAVEOLENS (GERANIUM) FLOWER OIL	90082-51-2	-	Unknown *
EUGENOL	97-53-0	Present	Active
LAVANDULA HYBRIDA (LAVANDIN)	8022-15-9	Present	Active
GERANIOL	106-24-1	Present	Active
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	90045-43-5	-	Unknown *
CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT OIL	8007-75-8	Present	Active
CITRUS LIMON (LEMON) PEEL OIL	8008-56-8	Present	Active
ILLCIUM VERUM (ANISE) FRUIT/SEED OIL	84650-59-9	Present	Active
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	Present	Active
CISTUS LADANIFERUS RESIN	8016-26-0	Present	Active
BENZYL BENZOATE	120-51-4	Present	Active
MENTHA PIPERITA (PEPPERMINT) OIL	8006-90-4	Present	Active
CITRAL	5392-40-5	Present	Active
CINNAMOMUM ZEYLANICUM LEAF OIL	84649-98-9	-	Unknown *
FARNESOL	4602-84-0	Present	Active
BENZYL SALICYLATE	118-58-1	Present	Active
ESTRAGOLE	140-67-0	Present	Active
CINNAMAL	104-55-2	Present	Active
SAFROLE	94-59-7	Present	Active
METHYL EUGENOL	93-15-2	Present	Active

Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
ISOEUGENOL	97-54-1	Present	Active
COUMARIN	91-64-5	Present	Active
EUGENIA CARYOPHYLLUS (CLOVE) FLOWER OIL	8000-34-8	Present	Active
CINNAMYL ALCOHOL	104-54-1	Present	Active
BENZYL ALCOHOL	100-51-6	Present	Active
HEXYL CINNAMAL	101-86-0	Present	Active
EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	90028-68-5	-	Unknown *
ALPHA-ISOMETHYL IONONE	127-51-5	Present	Active
METHYL 2-OCTYNOATE	111-12-6	Present	Active
HYDROXYCITRONELLAL	107-75-5	Present	Active
AMYL CINNAMYL ALCOHOL	101-85-9	Present	Active
AMYL CINNAMAL	122-40-7	Present	Active
BENZYL CINNAMATE	103-41-3	Present	Active
ANISE ALCOHOL	105-13-5	Present	Active
EVERNIA FURFURACEA (TREEMOSS) EXTRACT	90028-67-4	-	Unknown *

*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

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.

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 and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
POTASSIUM HYDROXIDE 1310-58-3	1000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
POTASSIUM HYDROXIDE 1310-58-3	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
WATER 7732-18-5	-	-	X
GLYCERIN 56-81-5	X	X	X
POTASSIUM HYDROXIDE 1310-58-3	X	X	X
PHENOXYETHANOL 122-99-6	X	-	X
LIMONENE 138-86-3	X	-	-
SAFROLE 94-59-7	X	X	X
BENZYL ALCOHOL 100-51-6	-	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 3	Flammability 1	Instability 0	Special hazards -
HMIS	Health hazards 3	Flammability 1	Physical hazards 0	Personal protection X

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

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitizers		

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)
EPA (Environmental Protection Agency)
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
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)
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

Revision date 12-Mar-2025

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.