

Revision date 19-Aug-2024

Version 2

1. Identification

Product identifier

Product Name ENLIGHTENER HIGH LIFT BLEACH

Other means of identification

Product Code(s) V9ZA00V01U

UN number or ID number UN1760

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

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

**Danger****Hazard statements**

Harmful if swallowed.
 Harmful if inhaled.
 Causes skin irritation.
 Causes serious eye damage.
 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 May cause an allergic skin reaction.
 May cause respiratory irritation.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Use only outdoors or in a well-ventilated area.
 In case of inadequate ventilation wear respiratory protection.
 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.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
 Rinse mouth.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.

Precautionary Statements - Disposal

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

Unknown acute toxicity

5.315 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
 82.125 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Other information

Harmful to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Trade secret
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POTASSIUM PERSULFATE	7727-21-1	15 - 40*	*
AMMONIUM PERSULFATE	7727-54-0	10 - 30*	*
SODIUM METASILICATE	6834-92-0	1 - 5*	*
SODIUM STEARATE	822-16-2	1 - 5*	*
EDTA	60-00-4	1 - 5*	*
LIMONENE	138-86-3	0.1 - 1*	*
LINALOOL	78-70-6	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	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Inhalation	Remove to fresh air. May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical attention.
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	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. May produce an allergic reaction. Get immediate medical attention.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. 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. See section 8 for more information. Avoid breathing vapors or mists.

Most important symptoms and effects, both acute and delayed

Symptoms	Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives. Difficulty in breathing.
Effects of Exposure	No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
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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 inhalation. 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. Avoid breathing vapors or mists.

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. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

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

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.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
POTASSIUM PERSULFATE 7727-21-1	TWA: 0.1 mg/m ³ Persulfate	-	-
AMMONIUM PERSULFATE	TWA: 0.1 mg/m ³ Persulfate	-	-

7727-54-0			
SODIUM STEARATE 822-16-2	TWA: 10 mg/m ³ inhalable particulate matter except stearates of toxic metals TWA: 3 mg/m ³ respirable particulate matter except stearates of toxic metals TWA: 10 mg/m ³ inhalable particulate matter TWA: 3 mg/m ³ respirable particulate matter	-	-

Appropriate engineering controls

Engineering controls Showers
 Eyewash stations
 Ventilation systems.

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. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

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

Physical state Liquid
Appearance No information available
Color No information available
Odor No information available
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	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	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	200 °C / 392.0 °F	None known
Decomposition temperature		None known
Kinematic viscosity	No data available	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	Excessive heat.
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 sensitization in susceptible persons. (based on components). May cause irritation of respiratory tract. Harmful by inhalation.
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. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause sensitization by skin contact. Causes skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause additional affects as listed under "Inhalation". Harmful if swallowed. (based on components).

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Redness. Burning. May cause blindness. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. Itching. Rashes. Hives. May cause redness and tearing of the eyes.
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Acute toxicity Harmful if swallowed. Harmful by inhalation.

Numerical measures of toxicity

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

ATEmix (oral)	1,016.20 mg/kg
ATEmix (dermal)	10,544.40 mg/kg
ATEmix (inhalation-gas)	99,999.00 ppm
ATEmix (inhalation-vapor)	99,999.00 mg/l
ATEmix (inhalation-dust/mist)	3.52 mg/l

Unknown acute toxicity

5.315 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

82.125 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
POTASSIUM PERSULFATE 7727-21-1	= 802 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 42.9 mg/L (Rat) 1 h
AMMONIUM PERSULFATE 7727-54-0	= 495 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 2.95 mg/L (Rat) 4 h
SODIUM METASILICATE 6834-92-0	= 1153 mg/kg (Rat)	-	-
EDTA 60-00-4	> 2000 mg/kg (Rat)	-	-
LIMONENE 138-86-3	= 5300 mg/kg (Rat)	-	-
LINALOOL 78-70-6	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rabbit)	-

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 allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	May cause respiratory irritation.
STOT - repeated exposure	No information available.

Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
AMMONIUM PERSULFATE 7727-54-0	-	LC50: =103mg/L (96h, Lepomis macrochirus) LC50: =76.3mg/L (96h, Oncorhynchus mykiss) LC50: =323mg/L (96h, Poecilia reticulata)	-	EC50: =120mg/L (48h, Daphnia magna)
SODIUM METASILICATE 6834-92-0	-	LC50: =210mg/L (96h, Brachydanio rerio)	-	-
EDTA 60-00-4	EC50: =1.01mg/L (72h, Desmodesmus subspicatus)	-	-	EC50: =113mg/L (48h, Daphnia magna)
LINALOOL 78-70-6	EC50: =88.3mg/L (96h, Desmodesmus subspicatus)	LC50: =27.8mg/L (96h, Oncorhynchus mykiss)	-	EC50: =20mg/L (48h, Daphnia magna)

Persistence and degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
LINALOOL 78-70-6	2.9

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	UN1760
Proper shipping name	Combustible liquid, n.o.s.
Transport hazard class(es)	8
Packing group	II
Special Provisions	B2, IB2, T11, TP2, TP27
DOT Marine Pollutant	NP
Description	UN1760, Combustible liquid, n.o.s. (SODIUM METASILICATE), 8, II
Emergency Response Guide Number	154

TDG

UN number or ID number	UN1760
Proper shipping name	Corrosive liquid, n.o.s.
Transport hazard class(es)	8
Packing group	II
Special Provisions	16
Description	UN1760, Corrosive liquid, n.o.s. (SODIUM METASILICATE), 8, II

MEX

UN number or ID number	UN1760
Proper shipping name	Corrosive liquid, n.o.s.
Transport hazard class(es)	8
Packing group	II
MEX Technical Name	SODIUM METASILICATE
Description	UN1760, Corrosive liquid, n.o.s. (SODIUM METASILICATE), 8, II
Special Provisions	274

ICAO (air)

UN number or ID number	UN1760
Proper shipping name	Corrosive liquid, n.o.s.
Transport hazard class(es)	8
Packing group	II
Description	UN1760, Corrosive liquid, n.o.s. (SODIUM METASILICATE), 8, II
Special Provisions	A3

IATA

UN number or ID number	UN1760
UN proper shipping name	Corrosive liquid, n.o.s.
Transport hazard class(es)	8
Packing group	II
IATA Technical Name	SODIUM METASILICATE
Description	UN1760, Corrosive liquid, n.o.s. (SODIUM METASILICATE), 8, II
Special Provisions	A3, A803
ERG Code	8L

IMDG

UN number or ID number	UN1760
UN proper shipping name	Corrosive liquid, n.o.s.
Transport hazard class(es)	8
Packing group	II
EmS-No.	F-A, S-B
Special Provisions	274
Marine pollutant	NP
Description	UN1760, Corrosive liquid, n.o.s. (SODIUM METASILICATE), 8, II

15. Regulatory information**International Inventories****TSCA**

Contact supplier for inventory compliance status.

Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
POTASSIUM PERSULFATE	7727-21-1	Present	Active
SODIUM SILICATE	1344-09-8	Present	Active
AMMONIUM PERSULFATE	7727-54-0	Present	Active
MAGNESIUM CARBONATE HYDROXIDE	12125-28-9	-	Unknown *
SODIUM METASILICATE	6834-92-0	Present	Active
SODIUM STEARATE	822-16-2	Present	Active
EDTA	60-00-4	Present	Active
SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	61789-91-1	Present	Active
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL	8001-21-6	Present	Active
ULTRAMARINES (CI 77007)	1302-83-6	-	Unknown *
CAPRYLIC/CAPRIC TRIGLYCERIDE	65381-09-1	Present	Active
RICINUS COMMUNIS (CASTOR) SEED OIL	8001-79-4	Present	Active
ALEURITES MOLUCCANA (KUKUI) SEED OIL	8015-80-3	-	Unknown *
SILICA	112945-52-5	-	Unknown *
LIMONENE	138-86-3	Present	Active
LINALOOL	78-70-6	Present	Active
ARGININE	74-79-3	Present	Active
FRAGRANCE (PARFUM)	NOCAS	-	Unknown *
CITRONELLOL	106-22-9	Present	Active
GERANIOL	106-24-1	Present	Active
BENZYL ACETATE	140-11-4	Present	Active
TERPINEOL	8000-41-7	Present	Active
CITRUS AURANTIUM AMARA (BITTER ORANGE) LEAF/TWIG OIL	NOCAS	-	Unknown *
CITRUS LIMON (LEMON) PEEL OIL	8008-56-8	Present	Active
MENTHA PIPERITA (PEPPERMINT) OIL	8006-90-4	Present	Active
ROSA DAMASCENA (ROSE) FLOWER EXTRACT	90106-38-0	-	Unknown *
CYSTEINE HCL	52-89-1	Present	Active
BENZYL BENZOATE	120-51-4	Present	Active
LINALYL ACETATE	115-95-7	Present	Active
MENTHA ARVENSIS LEAF OIL	68917-18-0	Present	Active
CITRAL	5392-40-5	Present	Active
GERANYL ACETATE	105-87-3	Present	Active
JASMINUM SAMBAC (JASMINE) FLOWER EXTRACT	91770-14-8	-	Unknown *
TOCOPHEROL	59-02-9	Present	Active
BENZYL CINNAMATE	103-41-3	Present	Active
CITRUS AURANTIFOLIA (LIME) OIL	8008-26-2	Present	Active
CINNAMOMUM CAMPHORA	92201-50-8	-	Unknown *
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	90045-43-5	-	Unknown *
BENZYL ALCOHOL	100-51-6	Present	Active
CITRUS AURANTIUM AMARA (BITTER ORANGE) OIL	8028-48-6	-	Unknown *
GLYCINE SOJA (SOYBEAN) OIL	8001-22-7	Present	Active
CISTUS LADANIFERUS OIL	89997-74-0	-	Unknown *
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	Present	Active

Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
MYROXYLON PEREIRAE (BALSAM PERU) OIL	8007-00-9	Present	Active
ROSA DAMASCENA (ROSE) FLOWER OIL	90106-38-0	-	Unknown *
EUGENOL	97-53-0	Present	Active
SALVIA SCLAREA (CLARY) OIL	8016-63-5	Present	Active
METHYL EUGENOL	93-15-2	Present	Active
DIPTERYX ODORATA SEED EXTRACT	8024-04-2	Present	Active
DIPTERIX ODORATA (TONKA) RESINOID	8046-22-8	Present	Active
CITRUS AURANTIUM DULCIS (ORANGE) OIL	8008-57-9	Present	Active
FARNESOL	4602-84-0	Present	Active
PIPER NIGRUM (BLACK PEPPER) FRUIT OIL	84929-41-9	-	Unknown *
ESTRAGOLE	140-67-0	Present	Active
SAFROLE	94-59-7	Present	Active
COUMARIN	91-64-5	Present	Active
CARVONE	2244-16-8	Present	Active
CINNAMYL ALCOHOL	104-54-1	Present	Active
HIBISCUS ABELMOSCHUS EXTRACT	84455-19-6	-	Unknown *
ISOEUGENOL	97-54-1	Present	Active
PERILLA ALDEHYDE	2111-75-3	Present	Active
CITRONELLAL	106-23-0	Present	Active
CYMBOGON SCHOENANTHUS (LEMONGRASS) OIL	89998-16-3	-	Unknown *
PHENYL ACETALDEHYDE	122-78-1	Present	Active
BENZYL SALICYLATE	118-58-1	Present	Active

*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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
AMMONIUM PERSULFATE - 7727-54-0	1.0

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
EDTA 60-00-4	5000 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)
EDTA 60-00-4	5000 lb	-	RQ 5000 lb final RQ RQ 2270 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
POTASSIUM PERSULFATE 7727-21-1	X	X	X
AMMONIUM PERSULFATE 7727-54-0	X	-	-
EDTA 60-00-4	X	X	X
LIMONENE 138-86-3	X	-	-
BENZYL ACETATE 140-11-4	X	-	-
BENZYL ALCOHOL 100-51-6	-	X	X
GLYCINE SOJA (SOYBEAN) OIL 8001-22-7	-	-	X
SAFROLE 94-59-7	X	X	X
CARVONE 2244-16-8	-	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 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**

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 19-Aug-2024

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.