

Issue Date 31-May-2017

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Version 1

1. IDENTIFICATION

Product identifier

Product Name ENLIGHTENER POWDER LIGHTENER

Other means of identification

Product Code AC95010001

Recommended use of the chemical and restrictions on use

Recommended Use Personal Care Product. For professional use only.

Uses advised against 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

Emergency telephone number

Company Phone Number

Emergency Telephone

1-877-311-3883

Chemtrec 1-800-424-9300

Chemtrec International +1 703-741-5970

E-mail address

SDS@ESTEE.COM

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1
Skin sensitization	Category 1

Label elements

Danger

Hazard statements

Harmful if swallowed

Causes skin irritation

Causes serious eye damage

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing should not be allowed out of the workplace

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/physician
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Unknown acute toxicity 6.9% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
POTASSIUM PERSULFATE	7727-21-1	30 - 60*
AMMONIUM PERSULFATE	7727-54-0	10 - 30*
SODIUM PERSULFATE	7775-27-1	3 - 7*
SODIUM METASILICATE	6834-92-0	1 - 5*
LIMONENE	5989-27-5	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	No hazards which require special first aid measures.
Eye contact	If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin contact	Wash with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Not an expected route of exposure. Call a physician or poison control center immediately.
Self-protection of the first aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small Fire Use water. Do not use dry chemicals or foams. CO₂ or Halon may provide limited control.

Large Fire Flood fire area with water from a distance.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.). Sealed containers may rupture when heated.

Explosion data

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Enact facility's spill response plan. Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Wear protective gloves/protective clothing and eye/face protection.

Environmental precautions

Environmental precautions Prevent product from entering drains. Dispose of contents/container to an approved waste disposal plant.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills. Collect spillage.

Methods for cleaning up Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in properly labeled containers. Keep tightly closed in a dry and cool place. Keep containers upright and tightly closed when not in use.

Incompatible materials

Acids. Bases. Alcohols. Combustible material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

. 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 IDLH
POTASSIUM PERSULFATE 7727-21-1	TWA: 0.1 mg/m ³ Persulfate	-	-
AMMONIUM PERSULFATE 7727-54-0	TWA: 0.1 mg/m ³ Persulfate	-	-
SODIUM PERSULFATE 7775-27-1	TWA: 0.1 mg/m ³ Persulfate	-	-

Appropriate engineering controls**Engineering Controls**

Eyewash stations. Showers. Ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear protective gloves and protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties****Physical state**

Solid

Appearance

fine grain powder

Odor

osmanthus to cts

Color

white to yellowish off-white

Property**Values****pH**

9.9

Melting point/freezing point

No information available

Boiling point / boiling range

No information available

Flash point

Not applicable

Burn rate

Not Combustible

Burn time

Not applicable

Evaporation rate

No information available

Flammability (solid, gas)

No information available

Flammability Limit in Air**Upper flammability limit:**

No information available

Lower flammability limit:

No information available

Vapor pressure

No information available

Vapor density

No information available

Specific Gravity

No information available

Water solubility

No information available

Solubility in other solvents

No information available

Partition coefficient

No information available

Autoignition temperature

No information available

Decomposition temperature	No information available
Kinematic viscosity	60000
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Acids. Bases. Alcohols. Combustible material.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Component Information

Data within this section obtained from international chemical toxicological profiles.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
POTASSIUM PERSULFATE 7727-21-1	= 802 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-
AMMONIUM PERSULFATE 7727-54-0	= 495 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	= 520 mg/L (Rat) 1 h
SODIUM PERSULFATE 7775-27-1	= 895 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 21.6 mg/L (Rat) 4 h
SODIUM METASILICATE 6834-92-0	= 600 mg/kg (Rat)	-	-
LIMONENE 5989-27-5	= 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-

Information on toxicological effects

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
Contaminated packaging	Do not reuse container.

14. TRANSPORT INFORMATION

DOT

UN/ID no.	UN1479
Proper shipping name	Oxidizing solid, n.o.s.
Hazard Class	5.1
Packing Group	III
Special Provisions	62, IB8, IP3, T1, TP33
Description	UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE), 5.1, III,
Emergency Response Guide Number	140

TDG

UN/ID no.	UN1479
Proper shipping name	Oxidizing solid, n.o.s.
Hazard Class	5.1
Packing Group	III
Description	UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM

PERSULFATE), 5.1, III,

MEX

UN/ID no. UN1479
 Proper shipping name Oxidizing solid, n.o.s.
 Hazard Class 5.1
 Packing Group III
 Description UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE), 5.1, III

ICAO (air)

UN/ID no. UN1479
 Proper shipping name Oxidizing solid, n.o.s.
 Hazard Class 5.1
 Packing Group III
 Special Provisions A3
 Description UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE), 5.1, III

IATA

UN/ID no. UN1479
 Proper shipping name Oxidizing solid, n.o.s.
 Hazard Class 5.1
 Packing Group III
 ERG Code 5L
 Special Provisions A3, A803

IMDG

UN/ID no. UN1479
 Proper shipping name Oxidizing solid, n.o.s.
 Hazard Class 5.1
 Packing Group III
 EmS-No. F-A, S-Q
 Special Provisions 223, 274, 900
 Description UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE), 5.1, III, Marine Pollutant

RID

UN/ID no. UN1479
 Proper shipping name Oxidizing solid, n.o.s.
 Hazard Class 5.1
 Packing Group III
 Classification code O2
 Description UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE), 5.1, III
 Labels 5.1

ADR

UN/ID no. UN1479
 Proper shipping name Oxidizing solid, n.o.s.
 Hazard Class 5.1
 Packing Group III
 Classification code O2
 Tunnel restriction code (E)
 Special Provisions 274
 Description UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE), 5.1, III, (E)
 Labels 5.1

ADN

UN/ID no. UN1479
 Proper shipping name Oxidizing solid, n.o.s.

Hazard Class	5.1
Packing Group	III
Classification code	O2
Special Provisions	274
Description	UN1479, Oxidizing solid, n.o.s. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE), 5.1, III
Hazard label(s)	5.1
Limited quantity (LQ)	5 kg

15. REGULATORY INFORMATION

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

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)

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

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	-	-
SODIUM PERSULFATE 7775-27-1	X	-	-

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Revision Date 31-May-2017

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