

**1. Identification**

**Product identifier** REDKEN BREWS EXTREME HOLD POMADE  
**Other means of identification**  
**SDS number** 00-32-0000280  
**Recommended use** Personal care product used for cosmetic effect.  
**Recommended restrictions** None known.  
**Manufacturer/Importer/Supplier/Distributor information**

**US Address:** L'Oreal USA Products, Inc  
133 Terminal Avenue  
Clark, NJ 07066  
USA

**Canadian Address:** L'Oreal Canada  
4895 rue Hickmore  
Ville St-Laurent, H4T 1K5  
Canada

**Emergency Phone # :** 1-800-535-5053 (International: 352-323-3500)  
In Canada - 1-613-996-6666 (Canutec (\*666 Cellular))

**For further information:** 1-732-499-2741

**Poison Control # :** 412-390-3326

**2. Hazard(s) identification**

**Physical hazards** Not classified.  
**Health hazards** Sensitization, skin Category 1  
**OSHA defined hazards** Not classified.

**Label elements**



**Signal word** Warning  
**Hazard statement** May cause an allergic skin reaction.  
**Precautionary statement**  
**Prevention** Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.  
**Response** If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                 | Common name and synonyms | CAS number  | %   |
|-------------------------------|--------------------------|-------------|-----|
| GLYCERIN                      |                          | 56-81-5     | 1.5 |
| OCTYLDODECYL<br>NEOPENTANOATE |                          | 125496-22-2 | 1   |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.  |
| <b>Skin contact</b>   | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. |
| <b>Eye contact</b>  | Rinse with water. Get medical attention if irritation develops and persists.   |
| <b>Ingestion</b>  | Rinse mouth. Get medical attention if symptoms occur.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause an allergic skin reaction. Dermatitis. Rash.   |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.   |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.                        |

### 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |

### 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.                                      |
| <b>Methods and materials for containment and cleaning up</b>               | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.   |

### 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store in original tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).   |

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components             | Type | Value                                       | Form                                |
|------------------------|------|---|-------------------------------------|
| GLYCERIN (CAS 56-81-5) | PEL  | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Respirable fraction.<br>Total dust. |

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Face shield is recommended. Wear safety glasses with side shields (or goggles).

#### Skin protection

##### Hand protection

Wear appropriate chemical resistant gloves.

##### Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

### Appearance

#### Physical state

Liquid.

#### Color

Not available.

#### Odor

Characteristic.

#### Odor threshold

Not available.

#### pH

5.4 - 6.4

#### Melting point/freezing point

Not available.

#### Initial boiling point and boiling range

> 212 °F (> 100 °C)

#### Flash point

> 212.0 °F (> 100.0 °C)

#### Evaporation rate

Not available.

#### Flammability (solid, gas)

Not applicable.

### Upper/lower flammability or explosive limits

#### Flammability limit - lower (%)

Not available.

#### Flammability limit - upper (%)

Not available.

#### Vapor pressure

Not available.

#### Vapor density

Not available.

#### Specific gravity

Not available.

### Solubility(ies)

#### Solubility (water)

Not available.

#### Partition coefficient (n-octanol/water)

Not available.

#### Auto-ignition temperature

Not available.

#### Decomposition temperature

Not available.

#### Viscosity

Not available.

**Other information**

**Explosive properties** Not explosive.  
**Oxidizing properties** Not oxidizing.

**10. Stability and reactivity**

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.  
**Chemical stability** Material is stable under normal conditions.  
**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.  
**Conditions to avoid** Contact with incompatible materials.  
**Incompatible materials** Strong oxidizing agents.  
**Hazardous decomposition products** No hazardous decomposition products are known.

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

**Inhalation** May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.  
**Skin contact** May cause an allergic skin reaction.  
**Eye contact** No adverse effects due to eye contact are expected.  
**Ingestion** Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** May cause an allergic skin reaction. Dermatitis. Rash.

**Information on toxicological effects**

**Acute toxicity** Not known.

| Components                                   | Species | Test Results          |
|--|---------|-----------------------|
| GLYCERIN (CAS 56-81-5)                       |         |                       |
| <b>Acute</b>                                 |         |                       |
| <b>Dermal</b>                                |         |                       |
| LD50   | Rabbit  | > 18700 mg/kg bw      |
| <b>Inhalation</b>                            |         |                       |
| LC50   | Rat     | > 570 mg/L air, 1 h   |
| <b>Oral</b>                                  |         |                       |
| LD50   | Rat     | 27200 mg/kg bw        |
| OCTYLDODECYL NEOPENTANOATE (CAS 125496-22-2) |         |                       |
| <b>Acute</b>                                 |         |                       |
| <b>Dermal</b>                                |         |                       |
| LD50   | Rabbit  | > 2000 mg/kg OECD 402 |
| <b>Oral</b>                                  |         |                       |
| LD50   | Rat     | > 5000 mg/kg OECD 401 |

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** No adverse effects due to skin contact are expected.

**Irritation Corrosion - Skin**

|                            |  |
|----------------------------|--|
| OCTYLDODECYL NEOPENTANOATE | OECD 404<br>Result: Slightly Irritating<br>Species: Rabbit<br>Notes: Alzo SDS - RM 71692 |
| GLYCERIN                   | Result: Not Irritating<br>Species: Rabbit  |

**Serious eye damage/eye irritation** No adverse effects due to eye contact are expected.

**Irritation Corrosion - Eye**

OCTYLDODECYL NEOPENTANOATE

Draize

Result: Not Irritating

Species: Rabbit

Notes: Alzo SDS - RM 71692

GLYCERIN

Result: Not Irritating

Species: Rabbit

**Respiratory or skin sensitization****Respiratory sensitization** Not a respiratory sensitizer.**Skin sensitization** May cause an allergic skin reaction.**Skin sensitization**

GLYCERIN

167 mg/m<sup>3</sup> air OECD 413, Inhalation

Result: NOAEL

Species: Rat

Test Duration: 90 d

Result: Not Sensitizing

Species: Guinea pig

OCTYLDODECYL NEOPENTANOATE

Result: Sensitizing

Species: Guinea pig

Notes: Alzo SDS - RM 71692

**Germ cell mutagenicity**

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Mutagenicity**

GLYCERIN

Result: In vitro and in vivo tests did not show mutagenic effects.

OCTYLDODECYL NEOPENTANOATE

Result: In vitro tests did not show mutagenic effects

**Carcinogenicity**

Not classifiable as to carcinogenicity to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

**Reproductive toxicity**

This product is not expected to cause reproductive or developmental effects.

**Developmental effects**

GLYCERIN

1310 mg/kg bw/d, No effects on development

Result: NOAEL

Species: Rat

**Reproductivity**

GLYCERIN

2000 mg/kg bw/d, No effects on fertility

Result: NOAEL

Species: Rat

**Specific target organ toxicity - single exposure**

Not classified.

**Specific target organ toxicity - repeated exposure**

Not classified.

OCTYLDODECYL NEOPENTANOATE

&gt; 1000 mg/kg bw/d, Oral

Result: NOAEL

Species: Rat

Test Duration: 28 d

Notes: Alzo SDS - RM 71692

GLYCERIN

8000 mg/kg bw/d, Oral

Result: NOAEL

Species: Rat

Test Duration: 2 yr

**Aspiration hazard**

Not an aspiration hazard.

**Further information**

May cause allergic respiratory and skin reactions.

**12. Ecological information****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components                                   | Species |                                 | Test Results                |
|--|---------|---------------------------------|-----------------------------|
| GLYCERIN (CAS 56-81-5)                       |         |                                 |                             |
| <b>Aquatic</b>                               |         |                                 |                             |
| <i>Acute</i>                                 |         |                                 |                             |
| Algae  | EC0     | Scenedesmus quadricauda         | > 10000 mg/l, 192 h         |
| Crustacea                                    | EC50    | Daphnia magna                   | 1955 mg/l, 48 h             |
| Fish   | LC50    | Oncorhynchus mykiss             | 54000 mg/l, 96 h            |
| Other  | NOEC    | Pseudomonas putida              | > 10000 mg/l, 16 h          |
| OCTYLDODECYL NEOPENTANOATE (CAS 125496-22-2) |         |                                 |                             |
| <b>Aquatic</b>                               |         |                                 |                             |
| <i>Acute</i>                                 |         |                                 |                             |
| Algae  | EC50    | Pseudokirchneriella subcapitata | > 0.336 mg/l, 72 h OECD 201 |
| Crustacea                                    | EC50    | Daphnia magna                   | > 0.456 mg/l, 48 h OECD 202 |
| Fish   | LC50    | Oncorhynchus mykiss             | > 0.341 mg/l, 96 h OECD 203 |

\* Estimates for product may be based on additional component data not shown.

### Persistence and degradability

#### Biodegradability

##### Percent degradation (Aerobic biodegradation)

GLYCERIN

OECD 301

Result: Readily Biodegradable

OCTYLDODECYL NEOPENTANOATE

> 95 %

Result: Readily Biodegradable

Test Duration: 28 d

#### Bioaccumulative potential

##### Partition coefficient n-octanol / water (log Kow)

GLYCERIN

-1.76

#### Mobility in soil

No data available.

#### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

#### Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Local disposal regulations

Dispose in accordance with all applicable regulations.

#### Hazardous waste code

Not regulated.

#### Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

#### Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

#### DOT

##### FINISHED GOODS

Not regulated as dangerous goods.

##### BULK

Not regulated as dangerous goods.

#### IATA

##### FINISHED GOODS

Not regulated as dangerous goods.

##### BULK

Not regulated as dangerous goods.

**IMDG****FINISHED GOODS**

Not regulated as dangerous goods.

**BULK**

Not regulated as dangerous goods.

**15. Regulatory information**

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

GLYCERIN (CAS 56-81-5)

Other Flavoring Substances with OSHA PEL's

**16. Other information, including date of preparation or last revision**

**Issue date** 02-26-2019

**Version #** 01

**NFPA ratings** Health: 2  
Flammability: 1  
Instability: 0

**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.