

## 1. Identification

|                                                               |                                                             |
|---------------------------------------------------------------|-------------------------------------------------------------|
| <b>Product identifier</b>                                     | <b>REDKEN FRIZZ DISMISS CONDITIONER</b>                     |
| <b>Other means of identification</b>                          |                                                             |
| <b>SDS number</b>                                             | 00-12-0000362                                               |
| <b>Recommended use</b>                                        | Personal care product used on the hair for cosmetic effect. |
| <b>Recommended restrictions</b>                               | None known.                                                 |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |                                                             |

**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

|                             |                                   |             |
|-----------------------------|-----------------------------------|-------------|
| <b>Physical hazards</b>     | Not classified.                   |             |
| <b>Health hazards</b>       | Serious eye damage/eye irritation | Category 2A |
| <b>OSHA defined hazards</b> | Not classified.                   |             |

### Label elements



**Signal word** Warning  
**Hazard statement** Causes serious eye irritation.

### Precautionary statement

**Prevention** Wash thoroughly after handling. Wear eye protection/face protection.

**Response** 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/attention.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**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 | %    |
|-------------------------|--------------------------|------------|------|
| BEHENTRIMONIUM CHLORIDE |                          | 68607-24-9 | 2.37 |
| MINERAL OIL             |                          | 8042-47-5  | 1.5  |

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

### 4. First-aid measures

|                                                                        |                                                                                                                                                                                                    |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation                                                             | Move to fresh air. Call a physician if symptoms develop or persist.                                                                                                                                |
| Skin contact                                                           | Wash off with soap and water. Get medical attention if irritation develops and persists.                                                                                                           |
| Eye contact                                                            | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                                                                                                              |
| Most important symptoms/effects, acute and delayed                     | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.                                                                                              |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                                             |
| General information                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.                                                                                   |

### 5. Fire-fighting measures

|                                                               |                                                                                               |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Suitable extinguishing media                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).                                   |
| Unsuitable extinguishing media                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| Specific hazards arising from the chemical                    | During fire, gases hazardous to health may be formed.                                         |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions                          | Move containers from fire area if you can do so without risk.                                 |
| Specific methods                                              | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| General fire hazards                                          | No unusual fire or explosion hazards noted.                                                   |

### 6. Accidental release measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. 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.                                                                     |
| Methods and materials for containment and cleaning up               | 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. |
| Environmental precautions                                           | Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### 7. Handling and storage

|                                                              |                                                                                                                                                                             |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling                                | Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| Conditions for safe storage, including any incompatibilities | 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  |
|-----------------------------|------|---------|-------|
| MINERAL OIL (CAS 8042-47-5) | PEL  | 5 mg/m3 | Mist. |

#### US. ACGIH Threshold Limit Values

| Components                  | Type | Value   | Form                |
|-----------------------------|------|---------|---------------------|
| MINERAL OIL (CAS 8042-47-5) | TWA  | 5 mg/m3 | Inhalable fraction. |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components                  | Type | Value    | Form  |
|-----------------------------|------|----------|-------|
| MINERAL OIL (CAS 8042-47-5) | STEL | 10 mg/m3 | Mist. |
|                             | TWA  | 5 mg/m3  | Mist. |

### 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. Provide eyewash station.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Wear suitable protective clothing.

**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.

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Color** Not available.

**Odor** Characteristic.

**Odor threshold** Not available.

**pH** 3 - 4

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**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.

|                                                |                |
|------------------------------------------------|----------------|
| <b>Specific gravity</b>                        | Not available. |
| <b>Solubility(ies)</b>                         |                |
| <b>Solubility (water)</b>                      | Not available. |
| <b>Partition coefficient (n-octanol/water)</b> | Not available. |
| <b>Auto-ignition temperature</b>               | Not available. |
| <b>Decomposition temperature</b>               | Not available. |
| <b>Viscosity</b>                               | Not available. |
| <b>Other information</b>                       |                |
| <b>Density</b>                                 | 0.970          |
| <b>Explosive properties</b>                    | Not explosive. |
| <b>Oxidizing properties</b>                    | Not oxidizing. |

## 10. Stability and reactivity

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

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                      |
|---------------------|------------------------------------------------------|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful.                 |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected. |
| <b>Eye contact</b>  | Causes serious eye irritation.                       |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.               |

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

### Information on toxicological effects

**Acute toxicity** Not known.

| Components                               | Species | Test Results               |
|------------------------------------------|---------|----------------------------|
| BEHENTRIMONIUM CHLORIDE (CAS 68607-24-9) |         |                            |
| <b><u>Acute</u></b>                      |         |                            |
| <b>Oral</b>                              |         |                            |
| LD50                                     | Rat     | 3190 mg/kg bw OECD 401     |
| MINERAL OIL (CAS 8042-47-5)              |         |                            |
| <b><u>Acute</u></b>                      |         |                            |
| <b>Dermal</b>                            |         |                            |
| LD50                                     | Rabbit  | > 2000 mg/kg OECD 402      |
| <b>Inhalation</b>                        |         |                            |
| <i>Aerosol</i>                           |         |                            |
| LC50                                     | Rat     | > 5 mg/L air, 4 h OECD 403 |
| <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.

|                                                                       |                                                                                                                  |                                                                                                                                                                                           |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Irritation Corrosion - Skin</b>                                    |                                                                                                                  |                                                                                                                                                                                           |
| MINERAL OIL                                                           |                                                                                                                  | OECD 404<br>Result: Not Irritating<br>Species: Rabbit                                                                                                                                     |
| BEHENTRIMONIUM CHLORIDE                                               |                                                                                                                  | OECD 405<br>Result: Irritating<br>Species: Rabbit                                                                                                                                         |
| <b>Serious eye damage/eye irritation</b>                              | Causes serious eye irritation.                                                                                   |                                                                                                                                                                                           |
| <b>Irritation Corrosion - Eye</b>                                     |                                                                                                                  |                                                                                                                                                                                           |
| BEHENTRIMONIUM CHLORIDE                                               |                                                                                                                  | OECD 404<br>Result: Corrosive<br>Species: Rabbit                                                                                                                                          |
| MINERAL OIL                                                           |                                                                                                                  | OECD 405<br>Result: Not Irritating<br>Species: Rabbit                                                                                                                                     |
| <b>Respiratory or skin sensitization</b>                              |                                                                                                                  |                                                                                                                                                                                           |
| <b>Respiratory sensitization</b>                                      | Not a respiratory sensitizer.                                                                                    |                                                                                                                                                                                           |
| <b>Skin sensitization</b>                                             | This product is not expected to cause skin sensitization.                                                        |                                                                                                                                                                                           |
| <b>Skin sensitization</b>                                             |                                                                                                                  |                                                                                                                                                                                           |
| BEHENTRIMONIUM CHLORIDE                                               |                                                                                                                  | OECD 406<br>Result: Not Sensitizing<br>Species: Guinea pig                                                                                                                                |
| MINERAL OIL                                                           |                                                                                                                  | OECD 406<br>Result: Not Sensitizing<br>Species: Guinea pig                                                                                                                                |
| <b>Germ cell mutagenicity</b>                                         | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |                                                                                                                                                                                           |
| <b>Mutagenicity</b>                                                   |                                                                                                                  |                                                                                                                                                                                           |
| BEHENTRIMONIUM CHLORIDE                                               |                                                                                                                  | Result: In vitro tests did not show mutagenic effects                                                                                                                                     |
| MINERAL OIL                                                           |                                                                                                                  | Result: In vitro tests did not show mutagenic effects                                                                                                                                     |
| <b>Carcinogenicity</b>                                                | Not classifiable as to carcinogenicity to humans.                                                                |                                                                                                                                                                                           |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>         |                                                                                                                  |                                                                                                                                                                                           |
| MINERAL OIL (CAS 8042-47-5)                                           |                                                                                                                  | 3 Not classifiable as to carcinogenicity to humans.                                                                                                                                       |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |                                                                                                                  |                                                                                                                                                                                           |
| Not regulated.                                                        |                                                                                                                  |                                                                                                                                                                                           |
| <b>US. National Toxicology Program (NTP) Report on Carcinogens</b>    |                                                                                                                  |                                                                                                                                                                                           |
| Not listed.                                                           |                                                                                                                  |                                                                                                                                                                                           |
| <b>Reproductive toxicity</b>                                          | This product is not expected to cause reproductive or developmental effects.                                     |                                                                                                                                                                                           |
| <b>Developmental effects</b>                                          |                                                                                                                  |                                                                                                                                                                                           |
| MINERAL OIL                                                           |                                                                                                                  | > 5000 mg/kg bw/d OECD 414, No effects on development<br>Result: NOAEL<br>Species: Rat                                                                                                    |
| <b>Reproductivity</b>                                                 |                                                                                                                  |                                                                                                                                                                                           |
| MINERAL OIL                                                           |                                                                                                                  | >= 2000 mg/kg bw/d OECD 415, No effects on fertility<br>Result: NOAEL<br>Species: Rat                                                                                                     |
| BEHENTRIMONIUM CHLORIDE                                               |                                                                                                                  | 75 mg/kg bw/d OECD 421<br>Result: NOAEL<br>Species: Rat                                                                                                                                   |
| <b>Specific target organ toxicity - single exposure</b>               | Not classified.                                                                                                  |                                                                                                                                                                                           |
| <b>Specific target organ toxicity - repeated exposure</b>             | Not classified.                                                                                                  |                                                                                                                                                                                           |
| MINERAL OIL                                                           |                                                                                                                  | > 2000 mg/kg bw/d OECD 411, Dermal<br>Result: NOAEL<br>Species: Rat<br>Test Duration: 90 d<br>> 50 mg/m3 air OECD 412, Inhalation<br>Result: NOAEC<br>Species: Rat<br>Test Duration: 28 d |

**Specific target organ toxicity -  
repeated exposure**

MINERAL OIL

>= 1200 mg/kg bw/d OECD 453, Oral  
Result: NOAEL  
Species: Rat  
Test Duration: 2 years  
10 mg/kg bw/d OECD 407, Oral  
Result: NOAEL  
Species: Rat  
Test Duration: 28 d

BEHENTRIMONIUM CHLORIDE

**Aspiration hazard**

Not an aspiration hazard.

## 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              |
|------------------------------------------|---------|-----------------------------------------------------|---------------------------|
| BEHENTRIMONIUM CHLORIDE (CAS 68607-24-9) |         |                                                     |                           |
| Aquatic                                  |         |                                                     |                           |
| Acute                                    |         |                                                     |                           |
| Algae                                    | EC50    | Desmodesmus subspicatus                             | 3.48 mg/l, 72 h OECD 201  |
| Crustacea                                | EC50    | Daphnia magna                                       | 1.39 mg/l, 48 h OECD 202  |
| Fish                                     | LC50    | Danio rerio                                         | 3.5 mg/l, 96 h OECD 203   |
| Other                                    | EC50    | Activated sludge of a predominantly domestic sewage | 43 mg/l, 3 h OECD 209     |
| Chronic                                  |         |                                                     |                           |
| Crustacea                                | NOEC    | Daphnia magna                                       | 0.128 mg/l, 21 d OECD 211 |
| Fish                                     | NOEC    | Danio rerio                                         | 0.24 mg/l, 9 d OECD 212   |
| MINERAL OIL (CAS 8042-47-5)              |         |                                                     |                           |
| Aquatic                                  |         |                                                     |                           |
| Acute                                    |         |                                                     |                           |
| Algae                                    | NOEL    | Pseudokirchneriella subcapitata                     | > 100 mg/l, 72 h OECD 201 |
| Crustacea                                | EL50    | Daphnia magna                                       | > 100 mg/l, 48 h OECD 202 |
| Fish                                     | LL50    | Oncorhynchus mykiss                                 | > 100 mg/l, 96 h OECD 203 |
| Chronic                                  |         |                                                     |                           |
| Crustacea                                | NOEC    | Daphnia magna                                       | 10 mg/l, 21 d OECD 211    |

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

**Persistence and degradability**

**Biodegradability**

**Percent degradation (Aerobic biodegradation)**

BEHENTRIMONIUM CHLORIDE

80 % OECD 301  
Result: Readily Biodegradable  
Test Duration: 28 d  
31 % OECD 301 F  
Result: Not Readily Biodegradable

MINERAL OIL

**Bioaccumulative potential**

**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.

|                                              |                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste from residues / unused products</b> | 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). |
| <b>Contaminated packaging</b>                | 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.

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

**Issue date** 06-27-2018

**Version #**  
**NFPA ratings**

01  
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.