



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** ZEP-O-KREME  
**Product use** Waterless Hand Cleaner  
**Product code** 0965  
**Date of issue** 04/14/11 **Supersedes** 04/22/08

### Emergency Telephone Numbers

**For MSDS Information:**  
 Technical Services Group  
 Telephone (780) 453-8100  
 (Business Hours 8:00am - 5:00pm)

### For Medical or Transportation Emergency

CANUTEC (24 Hours)  
 (613) 996-6666 - Call Collect

### Prepared By

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## Section 2. Hazards Identification

### Emergency overview

Do not breathe vapor or mist. Do not ingest. Do not get in eyes or on skin or clothing.  
 Wash thoroughly after handling.

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

### Acute Effects

### Routes of Entry

Eye contact.

**Eyes** Irritating to eyes. Inflammation of the eye is characterized by redness, watering and itching.

**Skin** Non-sensitizer to skin.

**Inhalation** Inhalation not likely under normal use conditions.

**Ingestion** No data on acute toxicity of the product when ingested.

### Chronic effects

There is no known chronic effect after exposure to this product.

**Additional Information:** See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

### Name of Hazardous Ingredients

| Name of Hazardous Ingredients  | CAS number | % by Weight        |
|--|------------|--------------------|
| HYDROTREATED LIGHT PETROLEUM DISTILLATES; paraffinic, naphthenic solvent | 64742-47-8 | 30 - 60            |
| C12-C16 ETHOXYLATED ALCOHOLS   | 68551-12-2 | 7 - 13             |
| PROPYLENE GLYCOL; 1,2-dihydroxypropane,1,2-propanediol                   | 57-55-6    | 1 - 5              |
| OLEIC ACID; 9-octadecenoic acid; oleoate                                 | 112-80-1   | 1 - 5              |
| COCONUT DIETHANOLAMIDE; cocoamide dea; coconut oil diethanolamine        | 68603-42-9 | 0.58079 - 2.904    |
| TALL OIL FATTY ACIDS; fatty acids, tall oil                              | 61790-12-3 | 0.21279 - 1.064    |
| DIETHANOLAMINE; 2,2'-iminodiethanol; bis(2-hydroxyethyl)amine; dea       | 111-42-2   | 0.15821 - 0.79105  |
| COCUNUT FATTY ACID; coco fatty acids; fatty acids; coco                  | 61788-47-4 | 0.048203 - 0.24101 |

## Section 4. First Aid Measures

**Eye Contact** Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.

**Skin Contact** This product is formulated for use on skin but should be rinsed off when possible. Get medical attention if irritation develops.

**Inhalation** Inhalation not likely under normal use conditions. Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention.

**Ingestion** Aspiration hazard if swallowed. Can enter lungs and cause damage. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

|                                  |   |
|----------------------------------|---|
| <b>Flash Point</b>               | Not available.  |
| <b>Flammable Limits</b>          | Not available.  |
| <b>Flammability</b>              | Gel structure inhibits combustibility of solvent.   |
| <b>Auto-ignition Temperature</b> |   |
| <b>Fire-Fighting Procedures</b>  | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use dry chemical or CO <sub>2</sub> . |
| <b>Fire hazard</b>               | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| <b>Products of Combustion</b>    | Decomposition products may include the following materials:<br>carbon oxides<br>and other unidentified organic compounds  |
| <b>Explosion hazard</b>          | Not available.  |

**Section 6. Accidental Release Measures**

|                       |   |
|-----------------------|---|
| <b>Spill Clean up</b> | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
|-----------------------|---|


**Section 7. Handling and Storage**

|                 |   |
|-----------------|---|
| <b>Handling</b> | Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Wash thoroughly after handling.                         |
| <b>Storage</b>  | Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep container tightly closed and sealed until ready for use. Keep out of the reach of children. |

**Section 8. Exposure Controls/Personal Protection**

| <u>Product name</u>                      | <u>Exposure limits</u>  |
|--|---|
| Hydrotreated Light Petroleum Distillates | <b>Supplier Suggested (United States).</b><br>TWA: 100 ppm 8 hour(s).     |
| C12-C16 ETHOXYLATED ALCOHOLS             | <b>ACGIH TLV (United States).</b><br>TWA: 100 ppm                         |
| Propylene Glycol                         | <b>AIHA WEEL (United States).</b><br>TWA: 10 mg/m <sup>3</sup> 8 hour(s). |

**Personal Protective Equipment (PPE)**

|                       |  |  |
|-----------------------|--|--|
| <b>Eyes</b>           | Recommended: Avoid contact with eyes.  |  |
| <b>Hands and Body</b> | Recommended: No special protective clothing is required.                                     |  |
| <b>Respiratory</b>    | Recommended: A respirator is not needed under normal and intended conditions of product use. |  |

**Section 9. Physical and Chemical Properties**

|                         |   |                         |                |
|-------------------------|---|-------------------------|----------------|
| <b>Physical State</b>   | Gel / Liquid.   | <b>Color</b>            | Clear. Yellow. |
| <b>pH</b>               | 8.0 (Conc (w/w): 1.0%)  | <b>Odor</b>             | Fruity.        |
| <b>Boiling Point</b>    | Not available.  | <b>Vapor Pressure</b>   | Not available. |
| <b>Specific Gravity</b> | 0.9   | <b>Vapor Density</b>    | Not available. |
| <b>Solubility</b>       | Insoluble in the following materials: cold water and hot water. | <b>Evaporation Rate</b> | Not available. |
| <b>Freezing Point</b>   |   | <b>VOC (Consumer)</b>   | 0 (g/l).       |

**Section 10. Stability and Reactivity**

|   |  |
|---|--|
| <b>Stability and Reactivity</b>         | The product is stable.   |
| <b>Incompatibility</b>                  | Reactive or incompatible with the following materials: oxidizing materials.                          |
| <b>Hazardous Polymerization</b>         | Will not occur.  |
| <b>Hazardous Decomposition Products</b> | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

**Section 11. Toxicological Information**

**Carcinogenicity** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Acute Toxicity**

| Product/ingredient name                       | Result      | Species | Dose        | Exposure |
|---|-------------|---------|-------------|----------|
| Hydrotreated Light Petroleum Distillates      | LD50 Dermal | Rabbit  | >2000 mg/kg | -        |
| C12-C16 ETHOXYLATED ALCOHOLS propane-1,2-diol | LD50 Oral   | Rat     | >5000 mg/kg | -        |
|   | LD50 Oral   | Rat     | 1380 mg/kg  | -        |
|   | LD50 Dermal | Rabbit  | 208 mg/kg   | -        |
|   | LD50 Oral   | Dog     | 260 mg/kg   | -        |
|   | LD50 Oral   | Mouse   | 240 mg/kg   | -        |
|   | LD50 Oral   | Rat     | 200 mg/kg   | -        |

**Section 12. Ecological Information**

**Environmental Effects** No known significant effects or critical hazards.

**Aquatic Ecotoxicity**

Not available.

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Code: Not applicable.  
Classification: Non-hazardous waste

**Section 14. Transport Information**

| Regulatory information    | UN number      | Proper shipping name | Classes        | PG* | Label | Additional information |
|---------------------------|----------------|----------------------|----------------|-----|-------|------------------------|
| <b>TDG Classification</b> | Not regulated. | -                    | -              | -   |       | -                      |
| <b>IMDG Class</b>         | Not available. | Not available.       | Not available. | -   |       | -                      |

**NOTE:** DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. **Limited Quantity:** Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG\* : Packing group

**Section 15. Regulatory Information****Canada**

**WHMIS (Canada)** Not controlled under WHMIS (Canada).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*