



# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** ZEP GRASP  
**Product Use** Liquid Hand Cleaner  
**Product Code** 0989  
**Date of issue** 07/14/09 **Supersedes** 07/31/06

**Emergency Telephone Numbers** For MSDS Information:  
 Technical Services Group  
 Zep Inc.  
 Telephone: (780) 453-8100 (Business Hours 8:00-5:00)

**For a Medical or Transportation Emergency:**  
 CANUTEC (24 Hours)  
 (613) 996-6666 - Call Collect

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**Date of Preparation :** 07/14/09

## Section 2. Composition, Information on Ingredients

| Name of Hazardous Ingredients  | CAS #      | % by Weight | Toxicity Data |        |        |             |
|--|------------|-------------|---------------|--------|--------|-------------|
| HYDROTREATED LIGHT PETROLEUM DISTILLATES;<br>paraffinic, naphthenic solvent<br>MONOETHANOLAMINE; 2-aminoethanol; MEA | 64742-47-8 | 30 - 40     | LD50          | Rat    | Oral   | >5000 mg/kg |
|  | 141-43-5   | 1 - 5       | LD50          | Rabbit | Dermal | >2000 mg/kg |
|  |            |             | LD50          | Rat.   | Oral   | 1720 mg/kg  |
| NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe<br>poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy          | 9016-45-9  | 1 - 5       | LD50          | Rabbit | Dermal | >1000 mg/kg |
|  |            |             | LD50          | Rat    | Oral   | 3310 mg/kg  |
|  |            |             | LD50          | Rabbit | Dermal | 2000 mg/kg  |

## Section 3. Hazards Identification

### Acute Effects

**Routes of Entry** Inhalation.

**Skin** No known acute effects of this product resulting from skin contact. Non-sensitizer for sk

**Eyes** Direct contact may cause irritation and redness.

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

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

### Chronic Effects

Prolonged or repeated contact may dry skin and cause irritation.

**Additional information :** See Toxicological Information (section 11)

## Section 4. First Aid Measures

### Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

### Skin Contact

Rinse with plenty of running water. Get medical attention if irritation develops.

### Inhalation

Inhalation not likely under normal use conditions. Get medical attention if symptoms occur.

### Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

## Section 5. Fire Fighting Measures

### Flash Point

Not determined

**Flammable Limits** Not determined.

### Flammability

Gel structure inhibits combustibility of solvent.

### Auto-ignition Temperature

### Fire-Fighting Procedures

None.

### Fire Hazard

None.

### Products of Combustion

When heated to decomposition it emits toxic fumes.

### Explosion hazard

## Section 6. Accidental Release Measures

### Spill Clean up

Absorb with an inert material and put the spilled material in an appropriate waste disposal. To clean the floor and all objects contaminated by this material, use detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Section 7. Handling and Storage**

**Handling** Avoid contact with eyes.  
**Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F.

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

**Engineering Controls** No special ventilation requirements

**Personal Protection****Protective Clothing (Pictograms)**

**Eyes** No special protection is required  
**Hands and Body** No special protective clothing is required  
**Respiratory** No special protection is required

**Exposure Limits**

| Name of Hazardous Ingredients            | CAS #      | Exposure Limits   |
|--|------------|---|
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | <b>Supplier Suggested (United States).</b><br>TWA: 100 ppm 8 hour(s).   |
| Monoethanolamine                         | 141-43-5   | <b>OSHA PEL / ACGIH TLV (United States).</b><br>TWA: 3 ppm 8 hour(s).<br><b>OSHA /ACGIH (United States).</b><br>STEL: 6 ppm 15 minute(s). |

[Consult local authorities for acceptable exposure limits.](#)

**Section 9. Physical and Chemical Properties**

**Physical State** Liquid. (Gel) **Color** Yellow.  
**pH** 8 **Odor** Apple-like.  
**Boiling Point** Not determined. **Vapor Pressure** Not determined.  
**Freezing Point** Not available. **Vapor Density** Not determined.  
**Specific Gravity** 0.95 (Water = 1) **Evaporation Rate** Not determined.  
**Solubility** Emulsifies in water. **VOC (Consumer)** 0 (g/l).

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.  
**Incompatibility** Reactive with oxidizing agents.  
**Reactivity** Will not occur.  
**Hazardous Decomposition Products** When heated to decomposition it emits toxic fumes.

**Section 11. Toxicological Information**

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.  
**Reproductive Effects**  
**Mutagenic Effects**  
**Teratogenic Effects**

**Section 12. Ecological Information**

**Ecotoxicity** Not available.  
**Biodegradable/OECD** Not available.

**Section 13. Disposal Considerations**

**Waste Information** Waste must be disposed according to applicable regulations. Consult your local or regional authorities.  
**Waste Stream** Code: - (Not applicable.)  
Classification: - (Non-hazardous waste)

**Section 14. Transport Information**

| Regulatory Information    | UN number      | Proper shipping name | Class                          | Packing Group | Label | Additional information |
|---------------------------|----------------|----------------------|--------------------------------|---------------|-------|------------------------|
| <b>TDG Classification</b> | Not regulated. |                      | Not a TDG controlled material. |               |       |                        |

Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to the TDG regulations.

**Section 15. Regulatory Information**

**WHMIS (Canada)** Not controlled under WHMIS (Canada)  
**Other Regulations** Not available.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the available information required by the CPR.

**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.*