

**FUZION LOTION HAND SOAP 4-1200ML**

Version 1.0

Revision Date 07/18/2017

Print Date 09/28/2017

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Material name : FUZION LOTION HAND SOAP 4-1200ML

Material number : 127216C

**Manufacturer or supplier's details**

Company : Zep Inc.

Address : 11627 - 178 Street  
Edmonton, Alberta T5S 1N6  
Canada

Telephone : 404-352-1680

**Emergency telephone numbers****For SDS Information** : Compliance Services 1-877-428-9937**For a Medical Emergency** : 877-541-2016 Toll Free - All Calls Recorded**For a Transportation  
Emergency** : CHEMTREC: 800-424-9300 - All Calls Recorded.**Recommended use of the chemical and restrictions on use**

Recommended use : Hand Care

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

|            |          |
|------------|----------|
| Appearance | viscous  |
| Colour     | green    |
| Odour      | pleasant |

**GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**

| Chemical name   | CAS-No.    | Concentration [%] |
|---|------------|-------------------|
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | 68585-47-7 | >= 1 - < 5        |

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|   |            |            |
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| Fatty acids, C8-18 and C18-unsatd., compds. with diisopropanolamine | 68855-69-6 | >= 1 - < 5 |
| ethylene distearate   | 627-83-8   | >= 1 - < 5 |

## SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : This product is formulated for use on skin but should always be immediately washed off with plenty of water. Discontinue use if irritation and redness develop. If conditions persist for more than 72 hours, consult a physician.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.  
Rinse immediately with plenty of water for at least 15 minutes.
- If swallowed : If symptoms persist, call a physician or Poison Control Centre immediately.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
Keep respiratory tract clear.
- Most important symptoms and effects, both acute and delayed : Effects may be delayed, symptoms may include minor eye or skin irritation.  
Overexposure may cause mild eye or skin irritation.
- Notes to physician : Treat symptomatically. Symptoms may be delayed.

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Dry chemical  
Water spray jet  
Carbon dioxide (CO<sub>2</sub>)  
Alcohol-resistant foam
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Sulphur oxides  
Smoke  
Nitrogen oxides (NO<sub>x</sub>)
- Specific extinguishing : Use extinguishing measures that are appropriate to local

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- methods : circumstances and the surrounding environment.
- Further information : Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Material can create slippery conditions. Use non-slip safety shoes in areas where spills or leaks can occur. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.
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**SECTION 7. HANDLING AND STORAGE**

- Advice on safe handling : For personal protection see section 8. Avoid contact with eyes. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Materials to avoid : Oxidizing agents  
Do not freeze.
- 

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Engineering measures** : effective ventilation in all processing areas**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

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|                          |  |
|--------------------------|--|
| Remarks                  | : No special protection is required.   |
| Eye protection           | : Eye protection is not required while washing with this product. In the workplace, the use of safety glasses is recommended to avoid eye exposure during the handling of containers or during spill clean-up. |
| Skin and body protection | : No special protection is required.   |
| Hygiene measures         | : When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the end of workday.   |

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |                                    |
|--|------------------------------------|
| Appearance                             | : viscous                          |
| Colour                                 | : green                            |
| Odour                                  | : pleasant                         |
| Odour Threshold                        | : No data available                |
| pH                                     | : 6 - 7                            |
| Melting point/freezing point           | : No data available                |
| Boiling point                          | : 104.4 °C                         |
| Flash point                            | :<br>does not flash                |
| Evaporation rate                       | : No data available                |
| Upper explosion limit                  | : No data available                |
| Lower explosion limit                  | : No data available                |
| Vapour pressure                        | : not determined                   |
| Relative vapour density                | : No data available                |
| Density                                | : 1.02 g/cm <sup>3</sup>           |
| Solubility(ies)                        |                                    |
| Water solubility                       | : soluble                          |
| Solubility in other solvents           | : soluble                          |
| Partition coefficient: n-octanol/water | : No data available                |
| Auto-ignition temperature              | : not determined                   |
| Thermal decomposition                  | : No data available                |
| Viscosity                              |                                    |
| Viscosity, kinematic                   | : 950.4 mm <sup>2</sup> /s (20 °C) |

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**SECTION 10. STABILITY AND REACTIVITY**

|                                    |  |
|------------------------------------|--|
| Reactivity                         | : Stable   |
| Chemical stability                 | : Stable under normal conditions.<br>No decomposition if stored and applied as directed.   |
| Possibility of hazardous reactions | : Stable under recommended storage conditions.<br>No hazards to be specially mentioned.    |
| Conditions to avoid                | : No data available  |
| Incompatible materials             | : Not applicable   |
| Hazardous decomposition products   | : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).<br>Organic Substances |

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**SECTION 11. TOXICOLOGICAL INFORMATION****Potential Health Effects**

|                              |  |
|------------------------------|--|
| Aggravated Medical Condition | : None known.  |
| Symptoms of Overexposure     | : Effects may be delayed, symptoms may include minor eye or skin irritation. |

**Carcinogenicity:**

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Acute toxicity****Product:**

|                           |  |
|---------------------------|--|
| Acute inhalation toxicity | : Acute toxicity estimate : > 40 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Method: Calculation method |
|---------------------------|--|

**Components:****Sulfuric acid, mono-C10-16-alkyl esters, sodium salts:**

Acute oral toxicity : LD50 Oral Rat: 800 - 2,700 mg/kg

Acute dermal toxicity : LD50 Dermal Rabbit: >= 10,000 mg/kg

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**Skin corrosion/irritation**

**Product:**

Classification: No skin irritation

**Serious eye damage/eye irritation**

**Product:**

Remarks: May irritate eyes.

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information**

**Product:**

Remarks: No data available

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

**Product:**

Partition coefficient: n-octanol/water : Remarks: No data available

**Mobility in soil**

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No data available

**Other adverse effects**

No data available

**Product:**

Additional ecological information : No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

- Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with local regulations.
  
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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**SECTION 14. TRANSPORT INFORMATION**

Transportation Regulation (TDG) / Règlement Pour Le Transport (TMD): (Canada):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation / Règlement Pour Le Transport: IMDG (Vessel):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation / Règlement Pour Le Transport: IATA (Cargo Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation / Règlement Pour Le Transport: IATA (Passenger Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation / Règlement Pour Le Transport: 49 CFR (USA):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under Transport Dangerous Goods (TDG) Canada regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

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**SECTION 15. REGULATORY INFORMATION**

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

**The components of this product are reported in the following inventories:**

**TSCA** On TSCA Inventory  
**DSL** All components of this product are on the Canadian DSL

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

**Inventory Acronym and Validity Area Legend:**

TSCA (USA), DSL (Canada), NDSL (Canada)

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**SECTION 16. OTHER INFORMATION**

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WHMIS - GHS Label Information:

Not a hazardous substance or mixture.

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|----------------|------------|
| Version:       | 1.0        |
| Revision Date: | 07/18/2017 |
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