1. Product and Company Identification

Product Name: Lavender Shampoo

CAS #:
Mixture

Product use: Shampoo

Manufacturer: Natural Chemistry, LLC
40 Richards Ave.
Norwalk, CT 06854 US
Phone: (800) 753-1233
Emergency Phone: CHEMTREC (800) 424-9300

2. Hazards Identification

Emergency overview: CAUTION

Contact may cause eye and skin irritation.

Potential short term health effects:
- Routes of exposure: Eye, Skin contact, Inhalation, Ingestion.
- Eyes: May cause irritation.
- Skin: May cause irritation.
- Inhalation: May cause respiratory tract irritation.
- Ingestion: May cause stomach distress, nausea or vomiting.

Target organs: Eyes, Skin.

Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms:
- Symptoms may include redness, edema, drying, defatting and cracking of the skin.
- Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

OSHA Regulatory Status: Not available

Potential environmental effects: Not available

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C10-16 alkyl ethers, sodium salts</td>
<td>68585-34-2</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Alkyl polyglycoside</td>
<td>110615-47-9</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Cocamido propyl betaine</td>
<td>61789-40-0</td>
<td>0.5 - 1.5</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures:
- **Eye contact**: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
- **Skin contact**: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
- **Inhalation**: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
- **Ingestion**: Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

Notes to physician: Symptoms may be delayed.

General advice:
- If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties: Not flammable by WHMIS/OSHA criteria.
Suitable extinguishing media
- Treat for surrounding material.

Unsuitable extinguishing media
- Not available

Protection of firefighters
- Specific hazards arising from the chemical
  - Not available

- Protective equipment for firefighters
  - Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
- May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

Explosion data
- Sensitivity to mechanical impact
  - Not available

- Sensitivity to static discharge
  - Not available

6. Accidental Release Measures

Personal precautions
- Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions
- Not available

Methods for containment
- Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
- Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

Handling
- Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

Storage
- Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl polyglycoside</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
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</table>

Engineering controls
- General ventilation normally adequate.

Personal protective equipment
- Eye / face protection
  - Safety glasses if eye contact is possible.

- Hand protection
  - Rubber gloves. Confirm with a reputable supplier first.

- Skin and body protection
  - As required by employer code.

- Respiratory protection
  - Not normally required.
General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance: Not available
Color: Not available
Form: Liquid
Odor: Lavender
Odor threshold: Not available
Physical state: Liquid
pH: Not available
Melting point: Not available
Freezing point: Not available
Boiling point: Not available
Pour point: Not available
Evaporation rate: Not available
Flash point: Not available
Auto-ignition temperature: Not available
Flammability limits in air, lower, % by volume: Not available
Flammability limits in air, upper, % by volume: Not available
Vapor pressure: Not available
Vapor density: Not available
Specific gravity: Not available
Octanol/water coefficient: Not available
Viscosity: Not available
Percent volatile: Not available

10. Stability and Reactivity

Reactivity: Not available
Possibility of hazardous reactions: Hazardous polymerization does not occur.
Chemical stability: Stable under recommended storage conditions.
Conditions to avoid: Do not mix with other chemicals.
Incompatible materials: None known.
Hazardous decomposition products: May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

11. Toxicological Information

Component analysis - LC50

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<td>Cocamido propyl betaine</td>
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</tbody>
</table>

Component analysis - Oral LD50

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<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl polyglycoside</td>
<td>5000 mg/kg rat</td>
</tr>
<tr>
<td>C10-16 alkyl ethers, sodium salts</td>
<td>1700 mg/kg rat</td>
</tr>
<tr>
<td>Cocamido propyl betaine</td>
<td>2700 mg/kg rat</td>
</tr>
</tbody>
</table>

Effects of acute exposure

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>May cause irritation.</td>
</tr>
<tr>
<td>Skin</td>
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</tr>
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</table>
Inhalation
May cause respiratory tract irritation.

Ingestion
May cause stomach distress, nausea or vomiting.

Sensitization
Non-hazardous by WHMIS/OSHA criteria.

Chronic effects
Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity
Non-hazardous by WHMIS/OSHA criteria.

Mutagenicity
Non-hazardous by WHMIS/OSHA criteria.

Reproductive effects
Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity
Non-hazardous by WHMIS/OSHA criteria.

Name of Toxicologically Synergistic Products
Not available

12. Ecological Information

Ecotoxicity
Components of this product have been identified as having potential environmental concerns.

- Ecotoxicity - Freshwater Algae - Acute Toxicity Data
  Cocamido propyl betaine 61789-40-0 72 Hr EC50 Desmodesmus subspicatus: 1.0 - 10.0 mg/L; 96 Hr EC50 Desmodesmus subspicatus: 0.55 mg/L

- Ecotoxicity - Freshwater Fish - Acute Toxicity Data
  Cocamido propyl betaine 61789-40-0 96 Hr LC50 Brachydanio rerio: 1.0-10.0 mg/L; 96 Hr LC50 Brachydanio rerio: 2 mg/L [semi-static]

- Ecotoxicity - Water Flea - Acute Toxicity Data
  Cocamido propyl betaine 61789-40-0 48 Hr EC50 Daphnia magna: 6.5 mg/L

Persistence / degradability
Not available

Bioaccumulation / accumulation
Not available

Mobility in environmental media
Not available

Environmental effects
Not available

Aquatic toxicity
Not available

Partition coefficient
Not available

Chemical fate information
Not available

Other adverse effects
Not available

13. Disposal Considerations

Disposal instructions
Review federal, state/provincial, and local government requirements prior to disposal.

Waste from residues / unused products
Not available

Contaminated packaging
Not available

14. Transport Information

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)
Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations
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.

WHMIS status
Controlled

WHMIS classification
Class D - Division 2B

WHMIS labeling
Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

US Federal regulations

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

CERCLA (Superfund) reportable quantity

1,4-Dioxane: 100.0000
Oxirane: 10.0000

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

Section 302 extremely hazardous substance No
Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available
Clean Water Act (CWA) Not available
State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Inventory name

Country(s) or region Inventory name On inventory (yes/no)*
Canada Domestic Substances List (DSL) Yes
Canada Non-Domestic Substances List (NDSL) No
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND

HMIS/NFPA Health / 1
Flammability 0
Physical Hazard 0
Personal Protection 0

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Prepared by Dell Tech Laboratories Ltd. (519) 858-5021
Other information For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.