Decyl Glucoside Sodium Lauroyl Lactylate

1 PRODUCT & COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Decyl Glucoside Sodium Lauroyl Lactylate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms:</td>
<td>n/a</td>
</tr>
<tr>
<td>INCI Name:</td>
<td>Decyl glucoside, sodium lauroyl lactylate, water</td>
</tr>
<tr>
<td>CAS Number:</td>
<td>58846-77-8, 141464-42-8, 68515-73-1</td>
</tr>
<tr>
<td>CAS Number:</td>
<td>13557-75-0, 7732-18-5</td>
</tr>
<tr>
<td>Formula:</td>
<td>n/a</td>
</tr>
<tr>
<td>Product Form:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Cosmetic use</td>
</tr>
<tr>
<td>Distributor:</td>
<td>MakingCosmetics.com Inc.</td>
</tr>
<tr>
<td>Address:</td>
<td>10800 231st Way NE, Redmond, WA 98053 (USA)</td>
</tr>
<tr>
<td>Phone / Fax:</td>
<td>425-292-9302 / 425-292-9601</td>
</tr>
<tr>
<td>Web:</td>
<td><a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a></td>
</tr>
<tr>
<td>Emergency Telephone Number:</td>
<td>1-800-424-9300 (Chemtrec)</td>
</tr>
</tbody>
</table>

2 HAZARDS IDENTIFICATION

GHS Classification: Eye Irrit. 2, Skin Corr. 2, Aquatic Haz. 3
GHS Signal Word: WARNING
GHS Hazard Pictograms: ![Exclamation mark]  ![Eye irritant]
GHS Hazard Statements:
- H402: Harmful to aquatic life
- H315: Causes skin irritation
- H319: Causes serious eye irritation
GHS Precautionary Statements:
- P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses.
Potential Health Hazards:
- Eyes: Causes serious eye irritation.
- Inhalation: Not expected to be irritating.
- Skin: Causes skin irritation.
- Ingestion: Harmful if swallowed.

NFPA Ratings (704):
- Health: 1 Slight
- Flammability: 1 Slight
- Reactivity: 0 Minimal
- Specific Hazard: n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decyl glucoside</td>
<td>58846-77-8, 141464-42-8, 68515-73-1</td>
<td>&gt;40%</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium lauroyl lactylate</td>
<td>13557-75-0, 1312021-45-6</td>
<td>10-20%</td>
<td>Not available</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&lt;60%</td>
<td>18.02 g/mol</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.
Skin: Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion: Seek medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:
- Water fog, dry powder or carbon dioxide.
Special protective equipment & precautions for firefighters:
- Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: >200°F (COC)
Specific hazards arising from the chemical: None currently known
6  ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Data not available
Methods and material for containment and cleaning up: Ventilate area of leak or spill. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

7  HANDLING & STORAGE

Precautions for safe handling: Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for safe storage, incl. any incompatibilities: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.
Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8  EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decyl glucoside</td>
<td>Not determined</td>
<td></td>
<td>STEL: Short Term Exposure Limit during x minutes.</td>
</tr>
<tr>
<td>Sodium lauroyl lactylate</td>
<td>Not determined</td>
<td></td>
<td>idDLH: Immediately Dangerous to Life or Health</td>
</tr>
</tbody>
</table>

Personal Protection:
Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: Wear NIOSH approved respiratory protection. Self-contained breathing apparatus in high concentrations, dust mask under normal conditions.
Body: Synthetic apron and butyl or neoprene rubber gloves recommended to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9  PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance, Physical State</td>
<td>Liquid</td>
<td>Vapor Pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor</td>
<td>Faint fatty odor</td>
<td>Vapor Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Taste</td>
<td>Not available</td>
<td>Evaporation Rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Color</td>
<td>Clear to slightly hazy yellow</td>
<td>Flammability:</td>
<td>Not available</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>Not available</td>
<td>Upper/lower Explosive Limit:</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>5-8</td>
<td>Solubility:</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>&gt;100°C</td>
<td>Flash Point:</td>
<td>&gt;200°F (COC)</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not applicable</td>
<td>Specific Gravity:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10  STABILITY AND REACTIVITY

Reactivity: Product is stable
Chemical Stability: Stable under normal conditions of storage and handling.
Hazardous Polymerization: Will not occur
Conditions to Avoid: Heat, flames, ignition sources and incompatibles.
Incompatible Materials: Strong oxidizers, acids
Hazardous Decomposition Products: Oxides of carbon, sulfur and sodium oxide may form when heated to decomposition.

11  TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>Not determined</td>
</tr>
<tr>
<td>Skin</td>
<td>Mild irritant</td>
</tr>
<tr>
<td>Eyes</td>
<td>Mild irritant</td>
</tr>
</tbody>
</table>
Respiratory: Mild irritant
Ingestion: Not available
Carcinogenicity: Not available
Teratogenicity: Not available
Germ Cell Mutagenicity: Not available
Embryotoxicity: Not available
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not available
Respiratory/Skin Sensitization: Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity
- Aquatic Toxicity: Acutely harmful for aquatic organisms
- Persistence and Degradability: Not available
- Bioaccumulative Potential: Not available
- Mobility in Soil: Not available
- PBT and vPvB Assessment: Not available
- Other Adverse Effects: Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods.

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA): Not regulated
TDG (Transportation of Dangerous Goods, Canada): Not regulated
IMDG (International Maritime Dangerous Goods): Not regulated
IATA (International Air Transport Association): Not regulated
ICAO (International Civil Aviation Organization): Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status: No data available
DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada): Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 04-01-2019
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer: This 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 other process. Such information is to be the best of the company’s knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user’s responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.