1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name: Light Moisturizing Antibacterial Hand Soap
Item Number: 279AA

Other means of identification

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Hand Soap
Uses advised against: No information available

Details of the supplier of the safety data sheet

Supplier Address
Vi-Jon Inc.
8515 Page Avenue
Saint Louis
MO
63114
US
Phone: 18004249300
Fax: 3144271010
Contact: Paula Korman
Email:pkorman@vijon.com
Contact Phone:3145921474

Emergency telephone number

Chemtrec: 1-800-424-9300 (24-Hour)
2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING

Classification

This product contains a chemical or chemicals considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>2A</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements

Emergency Overview

Signal word: Warning

Hazard statements
Causes skin irritation
Causes serious eye irritation

Appearance: Clear, Orange-pink, Slightly viscous liquid
Physical State: Slightly viscous liquid
Odor: Floral, Soapy

Precautionary Statements - Prevention
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
Specific treatment (see supplemental first aid instructions on this label)

Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Skin
If skin irritation occurs: Get medical advice/attention

Precautionary Statements - Storage
None

Precautionary Statements - Disposal
None

Hazards not otherwise classified (HNOC)
Not Applicable

Unknown Toxicity
2.585% of the mixture consists of ingredient(s) of unknown toxicity

Other information
Harmful to aquatic life with long lasting effects

Interactions with Other Chemicals
No information available
### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride 0.13%</td>
<td>68391-01-5</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>50-100</td>
<td>*</td>
</tr>
<tr>
<td>Cetrimonium Chloride</td>
<td>112-02-7</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Lauramidopropylamine Oxide</td>
<td>61792-31-2</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Cocamide MEA</td>
<td>68140-00-1</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Myristamidopropylamine Oxide</td>
<td>67806-10-4</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>PEG-120 Methyl Glucose Dioleate</td>
<td>86893-19-8</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Fragrance</td>
<td>Fragrance</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>77-92-9</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Sodium Sulfate</td>
<td>7727-73-3</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Methylchloroisothiazolinone</td>
<td>26172-55-4</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Methylisothiazolinone</td>
<td>2682-20-4</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Red 40</td>
<td>25956-17-6</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Yellow 5</td>
<td>1934-21-0</td>
<td>0-10</td>
<td>*</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures**

**Eye Contact**
Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact**
In the case of skin irritation or allergic reactions see a physician.

**Inhalation**
Move to fresh air. If symptoms persist, call a physician.

**Ingestion**
Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed**

**Burning sensation.**

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**
No information available

<table>
<thead>
<tr>
<th>Uniform Fire Code</th>
<th>Hazardous Combustion Products</th>
<th>Explosion Data</th>
<th>Protective Equipment and Precautions for Firefighters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritant: Liquid</td>
<td>Carbon oxides.</td>
<td>No</td>
<td>As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.</td>
</tr>
</tbody>
</table>
6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Avoid contact with eyes.

Other Information
Refer to protective measures listed in Sections 7 and 8.

Environmental precautions
Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up
Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING

Precautions for safe handling

Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage
Keep in tightly closed containers in a dry and cool place. Keep in properly labeled containers.

Incompatible Products
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION FOR INDUSTRIAL SETTING

Control parameters

Exposure Guidelines
There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>TWA: 10 mg/m³ mist</td>
<td>TWA: 15 mg/m³ mist, total particulate TWA: 5 mg/m³ mist, respirable fraction (vacated) TWA: 10 mg/m³ mist, total particulate (vacated) TWA: 5 mg/m³ mist, respirable fraction</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection
None required for consumer use. Safety glasses with side shields are recommended for medical or industrial exposures.

Skin and Body Protection
None required for consumer use.

Respiratory Protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.
9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

**Physical State**  
Slightly viscous liquid

**Appearance**  
Clear, Orange-pink, Slightly viscous liquid

**Odor**  
Floral, Soapy

**Property**  
No information available

**Values**  
No information available

**Remarks/Method**  
No information available

**Melting/freezing point**  
No data available

**Boiling Point/Range**  
No data available

**Flash Point**  
None known

**Evaporation rate**  
No data available

**Flammability (solid, gas)**  
No data available

**Flammability Limits in Air**  
Upper flammability limit

**Flash point**  
None known

**Vapor pressure**  
No data available

**Vapor density**  
No data available

**Specific Gravity**  
No data available

**Water Solubility**  
Miscible with water

**Solubility in other solvents**  
No data available

**Partition coefficient: n-octanol/water**  
None known

**Autoignition temperature**  
No data available

**Decomposition temperature**  
No data available

**Kinematic viscosity**  
None known

**Dynamic viscosity**  
None known

**Explosive Properties**  
None known

**Oxidizing Properties**  
None known

**Other Information**

**Softening Point**  
No data available

**VOC Content (%)**  
No data available

---

10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING

**Reactivity**  
No data available.

**Chemical stability**  
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**  
None under normal processing.

**Hazardous Polymerization**  
Hazardous polymerization does not occur.

**Conditions to avoid**  
None known.

**Incompatible materials**  
None known.

**Hazardous Decomposition Products**  
Carbon oxides.

When used in accordance with the directions.
11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

Information on likely routes of exposure

**Product Information**

**Inhalation**

There is no data available for this product.

**Eye Contact**

Irritating to eyes Expected to be an irritant based on components. May cause redness, itching, and pain.

**Skin Contact**

Expected to be an irritant based on components Irritating to skin. Prolonged contact may cause redness and irritation.

**Ingestion**

There is no data available for this product. Ingestion may cause irritation to mucous membranes.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>-</td>
<td>&gt; 10 g/kg (Rabbit)</td>
<td>&gt; 570 mg/m³ (Rat) 1 h</td>
</tr>
<tr>
<td>Cocamide MEA 68140-00-1</td>
<td>= 3300 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Chloride 7647-14-5</td>
<td>= 3 g/kg (Rat)</td>
<td>-</td>
<td>&gt; 42 g/m³ (Rat) 1 h</td>
</tr>
<tr>
<td>Sodium Sulfate 7727-73-3</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Methylchloroisothiazolinone 26172-55-4</td>
<td>= 481 mg/kg (Rat)</td>
<td>&gt; 1008 mg/kg (Rat)</td>
<td>= 1.23 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

**Information on toxicological effects**

**Symptoms**

Redness of the skin. May cause redness and tearing of the eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

Contains no ingredient listed as a carcinogen.

**Reproductive Toxicity**

No information available

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Chronic Toxicity**

No known effect based on information supplied.

**Target Organ Effects**

Eyes, Skin.

**Aspiration Hazard**

No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

10,935.00 mg/kg

**ATEmix (dermal)**

12,500.00 mg/kg (ATE)

**ATEmix (inhalation-dust/mist)**

75.40 mg/L
12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

Ecotoxicity
The environmental impact of this product has not been fully investigated.

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
No information available.

13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING

Waste treatment methods

Waste Disposal Methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging
Dispose of in accordance with local regulations.

California Hazardous Waste Codes
561

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>Proper Shipping Name</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hazard Class</td>
<td>N/A</td>
</tr>
<tr>
<td>TDG</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>MEX</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>ICAO</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>Proper Shipping Name</td>
<td>Not regulated</td>
</tr>
<tr>
<td></td>
<td>Hazard Class</td>
<td>N/A</td>
</tr>
<tr>
<td>IMDG/IMO</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td></td>
<td>Hazard Class</td>
<td>N/A</td>
</tr>
<tr>
<td>RID</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>ADR</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>ADN</td>
<td></td>
<td>Not regulated</td>
</tr>
</tbody>
</table>
15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING

International Inventories

TSCA Exempt
DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Acute Health Hazard</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric Acid 77-92-9</td>
<td></td>
<td></td>
<td>RQ Section number 180.950</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65 - NONE
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin 56-81-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

International Regulations

Mexico - Grade
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>-</td>
<td>10mg/m³ (mist) TWA</td>
</tr>
</tbody>
</table>

Canada

WHMIS Hazard Class
D2B
**16. OTHER INFORMATION**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>- None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

**Prepared By**
WERCS Professional Services, LLC
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

**Issuing Date**
March 7, 2014

**Revision Date**
None

**Revision Note**
None

**General Disclaimer**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

Approved and Updated by Vi-Jon, Inc.

**Disclaimer:**
The information and recommendations contained in the Material Safety Data Sheet (MSDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof.

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*End of Safety Data Sheet*