1. IDENTIFICATION

Product identifier

Product Name
Lemi Shine Laundry Detergent

Other means of identification

Product Code(s)
1421199

Recommended use of the chemical and restrictions on use

Recommended Use
Laundry, Detergent

Restrictions on use
No information available

Details of the supplier of the safety data sheet

Supplier Identification
Envirocon Technologies, Inc

Address
PO Box 3547
Austin
TX
78764
US

Telephone
Phone: 888.336.2582
Fax: 888.336.2582

E-mail
curtis@envirocontech.com

Emergency telephone number

Company Emergency Phone Number
888.336.2582

2. HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 2</td>
</tr>
</tbody>
</table>
GHS Label elements, including precautionary statements

**Danger**

**Hazard statements**
Causes skin irritation
Causes serious eye damage
May cause allergy or asthma symptoms or breathing difficulties if inhaled
Suspected of damaging fertility or the unborn child

---

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
In case of inadequate ventilation wear respiratory protection

**Precautionary Statements - Response**
IF exposed or concerned: Get medical advice/attention
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
Immediately call a POISON CENTER or doctor
Skin
IF ON SKIN: Wash with plenty of water and soap
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
Inhalation
IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or doctor

---

**Precautionary Statements - Storage**
Store locked up

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

**Other information**
Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Unknown acute toxicity**
30.98% of the mixture consists of ingredient(s) of unknown toxicity
15.68% of the mixture consists of ingredient(s) of unknown acute oral toxicity
22.4% of the mixture consists of ingredient(s) of unknown acute dermal toxicity
30.98% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Percent</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.alpha.-Alkyl (C10-16) .omega.-hydroxypoly (oxyethylene) sulfate, sodium salt</td>
<td>68585-34-2</td>
<td>7.2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>27176-87-0</td>
<td>4.8</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>3.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>2.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alcohols, C12-14, ethoxylated</td>
<td>68439-50-9</td>
<td>2.4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium citrate</td>
<td>68-04-2</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Subtilisin</td>
<td>9014-01-1</td>
<td>1.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1.28</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Etidronic acid</td>
<td>2809-21-4</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pentasodium pentetate</td>
<td>140-01-2</td>
<td>0.75</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Amylase, .alpha.-</td>
<td>9000-90-2</td>
<td>0.75</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures

General advice
Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation
Remove to fresh air. May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical advice/attention.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get immediate medical advice/attention.

Skin contact
Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion
Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. May produce an allergic reaction. Get immediate medical advice/attention.

Self-protection of the first aider
Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
resuscitation. Use personal protective equipment as required. See section 8 for more information.

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

**Symptoms**
Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/or wheezing. Itching. Rashes. Hives.

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

**Note to physicians**
May cause sensitization in susceptible persons. 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**
Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.

**Hazardous Combustion Products**
Carbon oxides.

**Explosion Data**
- **Sensitivity to Mechanical Impact**: None.
- **Sensitivity to Static Discharge**: None.

**Special protective equipment for fire-fighters**
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

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

**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**
Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling**
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with
skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**
Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subtilisin 9014-01-1</td>
<td>Ceiling: 0.00006 mg/m³ as crystalline active enzyme (vacated) STEL: 0.00006 mg/m³ 60 min</td>
<td>STEL: 0.00006 mg/m³ 60 min</td>
<td>Subtilisins</td>
</tr>
<tr>
<td>Sodium hydroxide 1310-73-2</td>
<td>Ceiling: 2 mg/m³ (TWA: 2 mg/m³) (vacated) Ceiling: 2 mg/m³</td>
<td>IDLH: 10 mg/m³ Ceiling: 2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario TWAEV</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol 57-55-6</td>
<td></td>
<td></td>
<td>TWA: 10 mg/m³</td>
<td>Quebec</td>
</tr>
<tr>
<td>Subtilisin 9014-01-1</td>
<td>Ceiling: 0.00006 mg/m³ Ceiling: 0.00006 mg/m³</td>
<td>CEV: 0.00006 mg/m³</td>
<td>Ceiling: 0.00006 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide 1310-73-2</td>
<td>Ceiling: 2 mg/m³ Ceiling: 2 mg/m³</td>
<td>CEV: 2 mg/m³ Ceiling: 2 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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 controls**
Showers
Eyewash stations
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**
Tight sealing safety goggles.

**Hand protection**
Wear suitable gloves. Impervious gloves.

**Skin and body protection**
Wear suitable protective clothing. Long sleeved clothing.

**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.

**General hygiene considerations**
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and immediately after handling the product.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state: Liquid
Appearance: Clear
Odor: Odorless
Color: No information available
Odor Threshold: Not applicable

Property | Values | Remarks | Method
--- | --- | --- | ---
pH | 9 | None known | None known
Melting / freezing point | No data available | None known | None known
Boiling point / boiling range | No data available | None known | None known
Flash Point | No data available | None known | None known
Evaporation Rate | No data available | None known | None known
Flammability (solid, gas) | No data available | None known | None known
Flammability Limit in Air | None known | None known | None known
Upper flammability limit | No data available | None known | None known
Lower flammability limit | No data available | None known | None known
Vapor pressure | No data available | None known | None known
Vapor density | No data available | None known | None known
Relative density | 1.03 | None known | None known
Water Solubility | Completely soluble | None known | None known
Solubility(ies) | No data available | None known | None known
Partition coefficient: n-octanol/water | Not Applicable | None known | None known
Autoignition temperature | No data available | None known | None known
Decomposition temperature | No data available | None known | None known
Kinematic viscosity | No data available | None known | None known
Dynamic viscosity | No data available | None known | None known

Other Information

Explosive properties | No information available | None known | None known
Oxidizing properties | No information available | None known | None known
Softening Point | No information available | None known | None known
Molecular Weight | No information available | None known | None known
VOC Content (%) | No information available | None known | None known
Liquid Density | No information available | None known | None known
Bulk Density | No information available | None known | None known
Particle Size | No information available | None known | None known
Particle Size Distribution | No information available | None known | None known

10. STABILITY AND REACTIVITY

Reactivity | No information available |
Chemical stability | Stable under normal conditions |
Possibility of Hazardous Reactions | None under normal processing |
Hazardous Polymerization | Hazardous polymerization does not occur |
Conditions to avoid | None known based on information supplied |
Incompatible materials | Strong acids. Strong bases. Strong oxidizing agents |
Hazardous Decomposition Products | Carbon oxides |
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components). May cause irritation of respiratory tract.

Eye contact
Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.

Skin contact
Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Ingestion
Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause additional affects as listed under "Inhalation".

Information on toxicological effects

Symptoms
Redness. Burning. May cause blindness. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. May cause redness and tearing of the eyes.

Numerical measures of toxicity

Acute Toxicity

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Oral LD50 (mg/kg)</th>
<th>Dermal LD50 (mg/kg)</th>
<th>Inhalation LC50 (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>1260 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium xylene sulfonate</td>
<td>1000 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>20 (Rat)</td>
<td>20800 (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Subtilisin</td>
<td>3700 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>-</td>
<td>1350 (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Etidronic acid</td>
<td>3130 (Rat)</td>
<td>&gt; 10000 (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Amylase, alpha-</td>
<td>&gt; 7500 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Unknown acute toxicity

- 30.98 % of the mixture consists of ingredient(s) of unknown toxicity
- 15.68 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 22.4 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 30.98 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 30.98 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 30.98 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

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

Skin corrosion/irritation
Classification based on data available for ingredients. Irritating to skin.

Serious eye damage/eye irritation
Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.
Respiratory or skin sensitization  May cause sensitization by inhalation.

Germ cell mutagenicity  No information available.

Carcinogenicity  No information available.

Reproductive toxicity  Classification based on data available for ingredients. Contains a known or suspected reproductive toxin.

STOT - single exposure  No information available.

STOT - repeated exposure  No information available.

Aspiration hazard  No information available.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>96h EC50: = 29 mg/L</td>
<td>96h LC50: = 10.8 mg/L</td>
<td>-</td>
<td>48h EC50: = 5.88 mg/L</td>
</tr>
<tr>
<td></td>
<td>(Pseudokirchneriella subcapitata)</td>
<td>(Oncorhynchus mykiss)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>96h LC50: = 3.5 - 10 mg/L</td>
<td>(Brachydanio rerio)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>96h EC50: = 19000 mg/L</td>
<td>96h LC50: = 51600 mg/L</td>
<td>-</td>
<td>24h EC50: &gt; 10000 mg/L</td>
</tr>
<tr>
<td></td>
<td>(Pseudokirchneriella subcapitata)</td>
<td>(Oncorhynchus mykiss)</td>
<td></td>
<td>48h EC50: &gt; 1000 mg/L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: = 41 - 47 mL/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Oncorhynchus mykiss)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: = 51400 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Pimephales promelas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: = 710 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Pimephales promelas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium citrate</td>
<td>96h EC50: 18000 - 32000 mg/L</td>
<td>96h LC50: = 18000 - 32000 mg/L</td>
<td>EC50 = 1800 - 3200 mg/L 8 h</td>
<td>48h EC50: = 5600 - 10000 mg/L</td>
</tr>
<tr>
<td></td>
<td>(Chlorella vulgaris)</td>
<td>(Poecilia reticulata)</td>
<td>48h EC50: 17 h</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>-</td>
<td>96h LC50: = 45.4 mg/L</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Oncorhynchus mykiss)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Etidronic acid</td>
<td>-</td>
<td>96h LC50: = 868 mg/L</td>
<td>-</td>
<td>48h EC50: = 527 mg/L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Lepomis macrochirus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pentasodium pentetate</td>
<td>72h EC50: = 2.6 mg/L</td>
<td>96h LC50: &gt; 300 mg/L</td>
<td>EC50 = 1.09 mg/L 17 h</td>
<td>48h EC50: &gt; 500 mg/L</td>
</tr>
<tr>
<td></td>
<td>(Desmodesmus subspicatus)</td>
<td>(Pimephales promelas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: 1005 - 1250 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Lepomis macrochirus)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and Degradability**

No information available.

**Bioaccumulation**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Etidronic acid</td>
<td>3.49</td>
</tr>
<tr>
<td>Pentasodium pentetate</td>
<td>-3.05</td>
</tr>
</tbody>
</table>
Mobility
No information available.

Other adverse effects
No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Waste from residues/unused products**
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging**
Do not reuse empty containers.

#### California Hazardous Waste Codes

**561**
This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Hazardous Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Toxic</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

### 14. TRANSPORT INFORMATION

**DOT**

- **Proper Shipping Name**: NON REGULATED
- **Hazard Class**: N/A

**TDG**
Not regulated

**MEX**
Not regulated

**ICAO**
Not regulated

**IATA**

- **Proper Shipping Name**: NON REGULATED
- **Hazard Class**: N/A

**IMDG/IMO**
Not regulated

**RID**
Not regulated

**ADR**
Not regulated

**ADN**
Not regulated

### 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**International Regulations**

**Ozone-depleting substances (ODS)** Not applicable
Persistent Organic Pollutants  Not applicable

Export Notification requirements  Not applicable

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>ENCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>KECL</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>PICCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>AICS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
</tbody>
</table>

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US 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

Acute Health Hazard  Yes
Chronic Health Hazard Yes
Fire Hazard  No
Sudden release of pressure hazard  No
Reactive Hazard  No

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodecylbenzene sulfonic acid 27176-87-0</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Sodium hydroxide 1310-73-2</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

<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>Dodecylbenzene sulfonic acid 27176-87-0</td>
<td>1000 lb</td>
<td></td>
<td>RQ 1000 lb final RQ</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RQ 454 kg final RQ</td>
</tr>
<tr>
<td>Sodium hydroxide 1310-73-2</td>
<td>1000 lb</td>
<td></td>
<td>RQ 1000 lb final RQ</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RQ 454 kg final RQ</td>
</tr>
</tbody>
</table>

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations
This product may contain substances regulated by 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>Dodecylbenzene sulfonic acid</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>27176-87-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>57-55-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1310-73-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

**NFPA**
Health hazards 3  Flammability 0  Instability 0

**HMIS**
Health hazards 3*  Flammability 0  Physical hazards 0

* = Chronic Health Hazard

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Product Stewardship
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Latham, NY 12110
1-800-572-6501

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Revision Note
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Disclaimer
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End of Safety Data Sheet