MATERIAL SAFETY DATA SHEET

SECTION - 1 - PRODUCT DESCRIPTION

Issued by: JEEN International Corporation
24 Madison Road
Fairfield, NJ 07004
Telephone # 973-439-1401
Revision Date: October 31, 2013

PRODUCT NAME: JEELATE ES- 270

CHEMICAL DESCRIPTION: Sodium Lauryl Ether Sulfate

SINONYMYS: None

PRODUCT TYPE: MULTIPURPOSE

SECTION – 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Comp</th>
<th>CAS No.</th>
<th>Percentage (by wt.)</th>
<th>Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium lauryl ether sulfate</td>
<td>68585-34-2</td>
<td>From 70 to 79.9 percent</td>
<td>N/E</td>
</tr>
<tr>
<td>Alcohols, c10-16, ethoxylated</td>
<td>68002-97-1</td>
<td>0-4</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Sulfate</td>
<td>7757-82-6</td>
<td>0-2</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>22-32</td>
<td>-</td>
</tr>
</tbody>
</table>

(N/E)- None established

SECTION – 3- HAZARDS IDENTIFICATION

OVERVIEW: IRRITANT

EYES CONTACT WITH EYES MAY CAUSE IRRITATION.

SKIN SUBSTANCE MAY CAUSE SLIGHT SKIN IRRITATION

INHALATION MAY CAUSE IRRITATION OF RESPIRATORY TRACT

INGESTION INGITION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA

CHRONIC EFFECTS: NO INFORMATION AVAILABLE

SECTION – 4 – FIRST AID MEASURES

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 attention.

Skin: Wash with plenty of soap and water. If skin irritation occurs, seek medical attention. Launder contaminated clothing before reuse.

Inhalation: Remove exposed person to fresh air if adverse effects are observed. Get fresh air. If symptoms persist, call a dr.

Oral: DO NOT INDUCE VOMITING. Get medical attention.

Additional Information: Note to physician. Treat symptomatically.

SECTION – 5 – FIRE FIGHTING MEASURES

FLAMMABLE PROPERITES NON-FLAMMABLE WATER SOLUTION.

FLAMMABLE LIMITS: NOT DETERMINED

HAZARDOUS COMBUSTION OXIDES OF CARBON. OXIDES OF SULFUR.

FIRE FIGHTING INSTRUCTIONS WATER MIST MAY BE USED TO COOL CLOSED CONTAINERS.

SUITEABLE EXTINGUISHING: WATER, CARBON DIOXIDE (C02), DRY CHEMICAL. FOAM.

UNUSUAL FIRE&EXPLOSIVE NONE

SECTION – 6 – ACCIDENTAL RELEASE MEASURES

SMALL SPILL: RECOVER ALL USABLE MATERIAL. SOAK UP BALANCE WITH SAND OR DIRT. MATERIAL IS SLIPPERY ON WET OR HARD SURFACES.
SECTION – 6 – ACCIDENTAL RELEASE MEASURES
LARGE SPILL: IN CASE OF LARGE SPILL BY TRUCK, USE SMALL SPILL PROCEDURE AND A VACUUM TRUCK. CALL CHEMTREC @ 1-800-424-9300

SECTION – 7 – HANDLING AND STORAGE
HANDLING: WEAR PERSONAL PROTECTIVE EQUIPMENT. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
STORAGE: CONTAINERS SHOULD BE TIGHTLY CLOSED AND STORE BETWEEN 60 F - 100 F AND AWAY FROM STRONG OXIDIZING AGENTS.

SECTION – 8- EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Limits: None established
Other Exposure Limits: None known
Engineering Controls: Use with adequate ventilation
Gloves Procedures: Use nitrile or neoprene gloves
Eye Protection: Chemical goggles or faceshield
Respiratory Protection: Under normal use conditions, respirator is not usually required.
Clothing Recommendation: Long sleeve shirt is recommended. Wear either a chemical protective suit or apron when potential for contact with material exists. Use chemically protective boots when necessary to avoid contaminating shoes. Do not wear rings, watches or similar apparel that could entrap the material and cause a burn. Launder contaminated clothing before reuse.

SECTION – 9 – PHYSICAL AND CHEMICAL PROPERTIES
BOILING POINT: 100 C
%VOLATILE BY WT: 22-32
WATER SOLUBILITY <40%
SPECIFIC GRAVITY 1.08
PH 8-10 @ 4%
ODOR: SLIGHT
APPAREANCE HAZY, VISCOURS
PHYSICAL STATE: LIQUID

SECTION – 10 – STABILITY AND REACTIVITY
CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS
INCOMPATABLE MATERIALS STRONG OXIDIZING AGENTS AND STRONG ACIDS
CONDITIONS TO AVOID: DO NOT MIX WITH STRONG OXIDIZING AGENTS OR STRONG ACIDS
HAZARDOUS DECOMPOSITION NONE UNDER NORMAL USE
HAZARDOUS POLYMERIZATION: N.A

SECTION – 11- TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>LD50 ORAL</th>
<th>LC50 INHALATION</th>
<th>LD50 DERMAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM SULFATE</td>
<td>10000 MG/KG (RAT)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EYES: IRRITATION
SKIN: IRRITATION
INGESTION: UNKNOWN
INHALATION: UNKNOWN
CHRONIC TOXICITY: IN INFORMATION AVAILABLE
CARCINOGENICITY: PRODUCT IS NOT LISTED
HAZARD TYPE: SKIN/ EYE IRRITANT
SECTION – 12 – ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>FRESH WATER ALGAE</th>
<th>FRESHWATER FISH</th>
<th>MICROTOX</th>
<th>WATER FLEA</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM SULFATE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>EC50: 2564mg/L 48 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>EC50 =4547 mg/L 96 h</td>
</tr>
</tbody>
</table>

Ecotoxicity effects: This surfactant complies with the biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents.
Chemical Fate: material is readily biodegradable.

SECTION – 13 – DISPOSAL CONSIDERATION

Waste Disposal: Dispose of contents/container in accordance with local regulation.

SECTION – 14 – TRANSPORT INFORMATION

DOT Not regulated.
ICAO Not regulated.
IATA Not regulated.
IMDG/IMO Not regulated.
RID Not regulated.
ADR Not regulated.

SECTION – 15- REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>CHINA</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM LAURETH SULFATE</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>NLP</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Alcohols, C10-16, Ethoxylated</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>NLP</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium Sulfate</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>WATER</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

NLP= NO LONGER POLYMER LIST

USA FEDERAL REGULATIONS


SARA 311/312 HAZARDOUS CATEGORIZATION

ACUTE HEALTH HAZARD: YES
CHRONIC HEALTH HAZARD NO
FIRE HAZARD NO
PRESSURE HAZARD NO
REACTIVE HAZARD NO

CLEAN AIR ACT, SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPs) (see 40 CFR 61)
THIS PRODUCT DOES NOT CONTAIN ANY HAPs

Review classifications requirements before shipping materials at elevated temperatures.
SECTION – 16 – OTHER INFORMATION

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