MATERIAL SAFETY DATA SHEET

Section 1 – Company and Product Identification

Issued by: JEEN International Corporation
24 Madison Road
Fairfield, NJ 07004
Tel.# 973-439-1401

Product Name: **JEECHEM SHAMPOO CONCENTRATE ECONOMY 3**
INCI Name: Sodium Laureth Sulfate (and) Cocamidopropyl Betaine (and) Sodium Lauryl Sulfate (and) Cocamide MIPA
Chemical Name: Mixture

Section 2 – Hazardous Identification

Emergency Overview: Irritant

Potential Health Effects:
- **Eyes**: Contact with eyes may cause irritation
- **Skin**: Substances may cause slight skin irritation
- **Inhalation**: May cause irritation of respiratory tract
- **Ingestion**: May cause gastrointestinal irritation, nausea, vomiting and diarrhea

Chronic effects: Prolonged contact may cause persistent irritation or dermatitis

Section 3 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight (%)</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>.alpha.-Alkyl (C10-16), .omega.-hydroxy(polyoxyethylene) sulfate, sodium salt</td>
<td>0-50</td>
<td>-</td>
</tr>
<tr>
<td>Sulfuric acid, mono-C10-16-alkyl esters, sodium salts</td>
<td>0-50</td>
<td>-</td>
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<tr>
<td>Sodium chloroide, Amides, coco, N-(2-hydroxypropyl)</td>
<td>0-10</td>
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</tr>
<tr>
<td>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-coco acyl derivatives, inner salts</td>
<td>0-10</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>30-70</td>
<td>-</td>
</tr>
</tbody>
</table>

Section 4 – First Aid Measures

**Ingestion**: Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
**Skin contact**: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
**Inhalation**: Move to fresh air. If symptoms persist, call a physician.
**Ingestion**: Drink 1 to 2 glasses of water. Do not induce vomiting. Consult a physician.

Section 5 – Fire and Explosion Information

Flammable Properties: Non-flammable water solution
Flammable Limits: Not determined
Hazardous Combustion Products: Oxides of carbon and sulfur. Oxides of nitrogen
Special Fire Fighting Procedures: Water mist may be used to cool closed containers
Unusual Fire & Explosive Hazards: None

Section 6 – Accidental Release Measures

**Spill Spillages**: Recover all usable material. Soak up balance with sand or dirt. Material is slippery on wet or hard surfaces.

**Large Spillages**: In case of a large spill by truck use small spill procedure and a vacuum track. Call CHEMTREC at 800-424-9300

Section 7 – Handling And Storage

**Handling**: Wear personal protective equipment. Avoid contact with skin, eyes and clothing.

**JEECHEM SHAMPOO CONCENTRATE ECONOMY 3- Page 1 of 3**
Section 7 – Handling And Storage

Storage

Containers should be tightly closed and stored between 60°F and 100°F and away from strong oxidizing agents.

Section 8 – Exposure Controls and Personal Protection

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Eye/face protection

Tightly fitting safety goggles. If splashes are likely to occur, wear a face-shield.

Skin protection

Wear protective gloves/clothing.

Respiratory protection

No special protective equipment required, unless workers are exposed to concentrations above the exposure limit.

Section 9 – Physical And Chemical Properties

Appearance

Clear Liquid

Odor

Mild detergent odor

pH (10% Solution)

6.0-8.0

Boiling Point

100°C

Flash Point

>200°F

Weight, %

60-70

Water Solubility

Soluble in all proportions

Section 10 – Stability and Reactivity

Chemical Stability

Stable under normal conditions

Unsuitable Materials

Strong oxidizing agents and strong acids

Conditions to Avoid

Do not mix with strong oxidizing agents or strong acids

Hazardous Decomposition Products

None under normal use

Hazardous Polymerization

No information available

Section 11 – Toxicology Information

Component

LD50 oral

LD50 Inhalation

LD50 Dermal

Sulfuric acid, mono-C10-16-alkyl esters, sodium salts

200 mg/kg (Rat)

-

-

1-Propanamiunium, 3-amino-N-(carboxymethyl)-N, N-Dimethyl-, N-coco acyl derivatives, inner salts

4900 mg/kg (Rat)

-

-

Section 12 – Ecotoxicology Information

Component

Freshwater Algae

Freshwater Fish

Microtox

Water Flea

Sodium chloride (NaCl)

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-

-

EC50=1000 mg/L 48h

Section 13 – Disposal Considerations

Waste Disposal Methods

Dispose of contents/container in accordance with local regulation.

Section 14 – Transportation

DOT:

Not regulated

ICAO:

Not regulated

IMDG/IMO:

Not regulated

IATA:

Not regulated

RID:

Not regulated

ADR:

Not regulated

AND:

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>
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<td>X</td>
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<tr>
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<tr>
<td>Amides, coco, N-(2-hydroxypropyl)</td>
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</table>

### USA

#### Federal Regulations

**SARA 311/312 Hazardous Categorization**

- **Acute Health Hazard**: Yes
- **Chronic Health Hazard**: No
- **Fire Hazard**: No
- **Sudden Release of Pressure Hazard**: No
- **Reactive Hazard**: No

**Clear Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any HAPs

### Section 16 – Further Information

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