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#### 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

**Chemtrec Emergency Tel#: 800-424-9300**  
**Chemtrec International Tel#: 703-527-3887(Collect Calls Accepted)**  
Issue Date: 04/07/2015

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

Component	Weight (%)	OSHA PEL
.alpha.-Alkyl (C10-16) .omega.-hydroxypoly (oxyethylene) sulfate, sodium salt	0-50	-
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	0-50	-
Sodium chloride, Amides, coco, N-(2-hydroxypropyl)	0-10	-
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-coco acyl derivatives, inner salts	0-10	-
Water	30-70	-

##### 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  
Suitable Extinguishing Media Water spray. Carbon dioxide (CO2). Foam.  
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



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**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

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**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

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**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

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**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

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**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-Propanamium, 3-amino-N-(carboxymethyl)-N, N-Dimethyl-, N-coco acyl derivatives, inner salts	4900 mg/kg (Rat)	-	-

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**Section 12 – Ecotoxicology Information**

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Sodium chloride (NaCl)	-	-	-	EC50=1000 mg/L 48h

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**Section 13 – Disposal Considerations**

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

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**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



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Section 15 – Regulatory Information

**International Inventories**

Component	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
alpha.-Alkyl (C10-16) .omega.-hydroxypoly (oxyethylene) sulfate, sodium salt	X	X	-	X	-	X	X	X	X	X
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	X	X	-	X	-	X	X	X	X	X
Sodium Chloride (NaCl)	X	X	-	X	-	X	X	X	X	X
Amides, coco, N-(2-hydroxypropyl)	X	-	X	X	-	-	X	-	-	X
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-coco acyl derivatives, inner salts	X	X	-	X	-	X	X	X	X	X
Water	X	X	-	X	-	X	X	X	X	X

**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

**Disclaimer:** As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with applicable federal, state and local regulations remains the responsibility of the user.