



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
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**MATERIAL SAFETY DATA SHEET**

**SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION**

Manufacturer's Name: Chemtrec Emergency Tel.# 800-424-9300  
JEEN INTERNATIONAL CORPORATION Chemtrec International Emergency Tel.# 703-527-3887  
(Collect Calls Accepted)

24 MADISON ROAD  
FAIRFIELD, NJ 07004  
Telephone No.: (973) 439-1401

Material: **JEETERIC JS**  
Chemical Name: (Active component) Cocoamidopropyl sultaine;  
N-Cocoamidopropyl-N,N-dimethyl-N-2-hydroxyethylpropyl sulfobetaine

**SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS: This material has no known hazards under applicable laws.

**SECTION 3 – HAZARDS IDENTIFICATION**

PRINCIPAL HAZARDS This material has no known health hazards.  
See Section 11 for complete health hazard information.

**SECTION 4 – FIRST AID MEASURES**

ORAL: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.  
EYES: Flush with water at least 15 minutes. Get Medical attention if eye irritation develops or persists.  
SKIN: Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.  
INHALATION: Remove exposed person to fresh air if adverse effects are observed.  
ADDITIONAL INFORMATION: Note to physician: Treat symptomatically.

**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT: >94 Deg. C, 201.2 Deg. F PMCC (Minimum)  
EXTINGUISHING MEDIA: CO2, dry chemical, foam, water spray, water fog.  
FIREFIGHTING PROCEDURES: Recommend wearing self-contained breathing apparatus. Water may be ineffective fighting fires.  
UNUSUAL FIRE & EXPLOSION HAZARDS: Toxic fumes, gases or vapors may evolve on burning.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

SPILL PROCEDURES: Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

**SECTION 7 – HANDLING AND STORAGE**

MAXIMUM PUMPING TEMPERATURE: Not determined.  
MAXIMUM HANDLING TEMPERATURE: Not determined.  
HANDLING PROCEDURES: Keep containers closed when not in use. Wash thoroughly after handling. Empty container Contains product residue which may exhibit hazards of product.  
MAXIMUM STORAGE TEMPERATURE: Not determined.  
STORAGE PROCEDURES: No special storage precautions required.  
LOADING TEMPERATURE: Not determined.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

VENTILATION PROCEDURES: Use with adequate ventilation.  
GLOVES PROCEDURES: Use nitrile or neoprene gloves.  
EYE PROTECTION: Safety Glasses.  
RESPIRATORY PROTECTION: Under normal use conditions, respirator is not usually required.  
CLOTHING RECOMMENDATION: Long sleeve shirt is recommended.





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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

FLASH POINT:	>94 Deg.C, 201.2 Deg. F PMCC ( Minimum)
UPPER FLAMMABLE LIMIT:	Not determined.
LOWER FLAMMABLE LIMIT:	Not determined.
AUTOIGNITION POINT:	Not determined.
EXPLOSION DATA:	Material does not have explosive properties.
VAPOR PRESSURE:	Not determined.
pH:	Not determined.
SPECIFIC GRAVITY:	1.11 (15.6 Deg. C)
WATER SOLUBILITY:	Soluble.
PERCENT VOLATILE:	Unknown.
PERCENT VOC:	Not determined.
VAPOR DENSITY:	Not determined.
EVAPORATION RATE:	Not determined.
ODOR:	Mild.
APPEARANCE:	Pale yellow liquid.
VISCOSITY:	Unknown.
ODOR THRESHOLD:	Unknown.
BOILING POINT:	Not determined.
POUR POINT TEMPERATURE:	Not determined.
FREEZING POINT:	Not determined.

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

**SECTION 10 – STABILITY AND REACTIVITY**

STABILITY:	Material is normally stable at moderately elevated temperatures and pressures.
DECOMPOSITION TEMPERATURE:	Not determined.
INCOMPATIBILITY:	None known, avoid contact with reactive chemicals.
POLYMERIZATION:	Will not occur.
THERMAL DECOMPOSITION:	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

<u>-ACUTE EXPOSURE-</u>	
ORAL TOXICITY:	The LD50 in rats is >5000 mg/kg. Based on data from components or similar materials.
EYE IRRITATION:	Not expected to cause eye irritation. Based on data from components or similar materials.
SKIN IRRITATION:	Not expected to be a primary skin irritant. Based on data from components or similar materials.
DERMAL TOXICITY:	The LD50 in rabbits is >2000 mg/kg. Based on data from components or similar materials.
INHALATION TOXICITY:	No data available to indicate product or components may be a toxic inhalation hazard.
RESPIRATORY IRRITATION:	No data available to indicate product or components may cause respiratory irritation under normal workplace conditions and good industrial hygiene practices.
DERMAL SENSITIZATION:	No data available to indicate product or components may be a skin sensitizer.
INHALATION SENSITIZATION:	No data available to indicate product or components may be respiratory sensitizers.
<u>-CHRONIC EXPOSURE-</u>	
CHRONIC TOXICITY:	No data available to indicate product or components present at greater than 1% are chronic health hazards.
CARCINOGENICITY:	No data available to indicate any components present at greater than 0.1% may present a Carcinogenic hazard.
MUTAGENICITY:	No data available to indicate product or any components present at greater than 0.1% are Mutagenic or Genotoxic.
REPRODUCTIVE TOXICITY:	No data available to indicate either product or components present at greater than 0.1% that may cause Reproductive toxicity.
TERATOGENICITY:	No data available to indicate product or any components contained at greater than 0/1% may Cause Birth Defects.



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-ADDITIONAL INFORMATION-

OTHER: No other health hazards known.  
 EXPOSURE LIMITS: See Hazardous Ingredients Section for any applicable exposure limits for components.

SECTION 12 – ECOLOGICAL INFORMATION

-ENVIRONMENTAL TOXICITY-

FRESHWATER FISH TOXICITY: Not determined.  
 FRESHWATER INVERTEBRATES TOXICITY: Not determined.  
 ALGAL INHIBITION: Not determined.  
 SALTWATER FISH TOXICITY: Not determined.  
 SALTWATER INVERTEBRATES TOXICITY: Not determined.  
 BACTERIA TOXICITY: Not determined.  
 MISCELLANEOUS TOXICITY: Not determined.

-ENVIRONMENTAL FATE-

BIODEGRADATION: Adequate data is not available to estimate to biodegradation potential of this material.  
 BIOACCUMULATION: There is no data available to evaluate this material for bioconcentration.  
 SOIL MOBILITY: Not determined.

SECTION 13 – DISPOSAL CONSIDERATION

WASTE DISPOSAL: This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261.

SECTION 14 – TRANSPORT INFORMATION

ICAO/IATA: Not regulated.  
 IMDG (AMBIENT): Not regulated.  
 IMDG (ELEVATED): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED  
 IMDG EMS: Not applicable.  
 IMDG MFAG: Not applicable.  
 IMO MARINE BULK: DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED  
 USCG COMPATIBILITY: Not determined.  
 U.S. DOT BULK (AMBIENT): No regulated.  
 U.S. DOT BULK (ELEVATED): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED  
 U.S. DOT NON-BULK: Not regulated.  
 DOT NAERG: Not applicable.  
 TDG BULK (AMBIENT): Not regulated.  
 TDG BULK (ELEVATED): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED  
 TDG NON-BULK: Not regulated.  
 MEXICO: Not regulated.  
 ADR/RID (AMBIENT): Not regulated.  
 ADR/RID (ELEVATED): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED  
 ADR/RID HAZARD ID NO.: Not applicable.  
 ADG (AMBIENT): Not regulated.  
 ADG (ELEVATED): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED

SECTION 15 – REGULATORY INFORMATION

U.S. TSCA INVENTORY: All components of this material are on the US TSCA Inventory.  
 OTHER TSCA REG.: None known.  
 SARA EXT. HAZ.SUBST.: This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.  
 SARA SECTION 313: This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.  
 TDG REGULATED LIMIT: None known.  
 CERCLA HAZARDOUS SUBSTANCES: None known.  
 CAL.PROP.65: This product does not intentionally contain any chemicals known by the Sate of California to cause cancer and/or birth defects. Moreover, Jeen International does not routinely analyze itsproducts for impurities which may be such chemicals.





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U.S. FUEL REGISTRATION: Not applicable.  
 U.S. DEPT. OF AGRICULTURE: This product has not been filed with the USDA to support H2 approvals.  
 NSF NONFOOD COMPOUNDS REG.: This product has not been filed with the NSF to support H1 or H2 approvals.  
 U.S. TARIFF HEADING NUMBER: Not determined.  
 SCHEDULE B NUMBER: Not determined.  
 FDA APPROVAL: Not applicable.  
 EEC EINECS: All components are in compliance with the EC Seventh amendment Directive 92/32/EEC.  
 FINNISH REGISTRATION NUMBER: Not Registered.  
 SWEDEN REGISTRATION NUMBER: Not Registered.  
 NORWAY REGISTRATION NUMBER: Not Registered.  
 DANISH REGISTRATION NUMBER: Not Registered.  
 SWITZERLAND BAG T REG. NO.: Not Registered.  
 JAPAN METI: This product requires notification in Japan.  
 AUSTRALIA: All components are in compliance with chemical notification requirements in Australia.  
 CANADA: All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.  
 SWITZERLAND: May require notification before sale in Switzerland.  
 KOREA: This product requires notification before sale in Korea.  
 KOREAN REGISTRATION NUMBER: Not Registered.  
 PHILIPPINES: All components are in compliance with the Philippines Toxic Substances and Hazardous And Nuclear Wastes Control Act of 1990 (R.A. 6969).  
 CHINA: This product may require notification in China.  
 CHINA REGISTRATION NUMBER: Not Registered.  
 NEW ZEALAND REG. NUMBER: Not Registered.  
 MALTA REGISTRATION NUMBER: Not Registered.  
 UKRAINE REGISTRATION NUMBER: Not Registered.

**SECTION 16 – OTHER INFORMATION**

US NFPA CODES:	HEALTH (0)	FIRE (1)	REACTIVITY (0)	SPECIAL (N/E)
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HMIS CODES: HEALTH (0) FIRE (1) REACTIVITY (0)

PRECAUTIONARY LABELS: THIS MATERIAL HAS NO KNOWN HEALTH HAZARDS.

REVISION INDICATORS:	SECTION: 2 HAZARDOUS INGREDIENTS:	Changed: 13 November 2002
	SECTION: 3 PRINCIPAL HAZARDS:	Changed: 13 November 2002
	SECTION: 4 INHALATION FIRST AID:	Changed: 13 November 2002
	SECTION: 4 SKIN FIRST AID:	Changed: 13 November 2002
	SECTION: 5 EXTINGUISHING MEDIA:	Changed: 14 November 2002
	SECTION: 5 FLASH POINT:	Changed: 14 November 2002
	SECTION: 5 SPECIAL FIREFIGHTING PROCEDURES:	Changed: 14 November 2002
	SECTION: 5 UNUSUAL FIRE & EXPLOSION HAZARDS:	Changed: 13 November 2002
	SECTION: 6 SPILL PROCEDURES:	Changed: 13 November 2002
	SECTION: 7 HANDLING PROCEDURES:	Changed: 13 November 2002
	SECTION: 7 STORAGE PROCEDURES:	Changed: 13 November 2002
	SECTION: 8 CLOTHING RECOMMENDATIONS:	Changed: 13 November 2002
	SECTION: 8 EYE PROTECTION:	Changed: 13 November 2002
	SECTION: 8 RESPIRATORY PROTECTION:	Changed: 13 November 2002
	SECTION: 8 VENTILATION PROCEDURES:	Changed: 13 November 2002
	SECTION: 9 WATER SOLUBILITY:	Changed: 14 November 2002
	SECTION: 10 INCOMPATIBILITY:	Changed: 13 November 2002
	SECTION: 16 HMIS CODES:	Changed: 13 November 2002
	SECTION: 16 NFPA CODES:	Changed: 13 November 2002
	SECTION: 16 PRINCIPAL HAZARDS:	Changed: 13 November 2002

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