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MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: **Chemtrec Emergency Telephone No.: 800-424-9300**
JEEN International Corp. ***Chemtrec International Telephone No.: 703-527-3887**
24 Madison Road ***(Collect Calls Accepted)**
Fairfield, NJ 07004
Telephone # 439-1401

Product Name: **JEEMIDE HCA-RC-3**
Chemical Name: COCAMIDE DEA
Chemical Family: FATTY ALKANOLAMIDE
CAS#: 68603-42-9

HMIS HAZARD RATINGS: Health (2) Fire (0) Reactivity (0)
4= EXTREME; 3= HIGH; 2= MODERATE; 1= SLIGHT; 0= INSIGNIFICANT

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	CAS#	OSHA/PEL	(ACGIH TLV)
DIETHANOLAMINE	111-42-2	0.46 ppm, skin	
Cocamide DEA	68603-42-9	Not Listed	

Values are not product specifications.

SECTION III - HAZARDS IDENTIFICATION

General: Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests.

Emergency Overview: Appearance: Clear Amber Liquid
MAY CAUSE EYE IRRITATION. MAY CAUSE SLIGHT SKIN IRRITATION. INHALATION OR
INGESTION MAY CAUSE MUCOUS MEMBRANE IRRITATION

Routes of Exposure: Eye Contact; Skin Contact; Inhalation

Symptoms of Overexposure (Acute & Chronic):

Eye Contact: This material may irritate human eyes following contact.

Skin Contact: This material may irritate human skin. Exposure to diethanolamine may cause allergic contact dermatitis. If allergy develops, very low future exposures can cause itching and a skin rash.

Systemically toxic concentrations of this product will probably not be absorbed through human skin.

Diethanolamine has the potential for possibly harmful skin absorption. Studies have been performed by the National Toxicology Program (NTP) on skin absorption of diethanolamine in mice and rats. The results of these studies show no evidence of carcinogenicity in rats of both sexes but clear evidence of carcinogenicity on mice of both sexes. The significance of these findings is unclear and additional testing is currently underway.

Inhalation: High concentrations of mists or aerosols may irritate respiratory passages. No toxic effects are known to be associated with inhalation of this material.

Ingestion: In humans, irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion of this product. No toxic effects are expected following ingestion of this product.

Chronic Effects: Overexposure to diethanolamine may affect the liver, kidneys, and blood. In acute and subacute feeding studies in rats, 0.09 g/kg. Of diethanolamine caused changes in liver and kidney weights.

SECTION IV - FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

Skin: Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.



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SECTION V - FIRE FIGHTING MEASURES

Flash point and method: >200 deg. F, 93.33 deg. C (PMCC)
Auto-ignition temperature: No data
Flammable limits: No data.
Extinguishing Media: Water fog, alcohol foam, carbon dioxide, dry chemical, halogenated agents.
Special Fire-Fighting Protective Equipment: Self-contained breathing apparatus with full facepiece and protective clothing.
Unusual fire and Explosion Hazards: None Known.
Explosion Data: Sensitivity to mechanical impact: Not applicable
Sensitivity to static discharge: Not applicable

SECTION VI - Accidental Release Measures

Refer to Section 8 for proper personal protective equipment.
Steps to be taken in case material is released or spilled:
Soak up material with absorbent and shovel into a chemical waste container.
Wash residue from spill area with water and flush to a sewer serviced by a permitted wastewater treatment facility.

SECTION VII - HANDLING AND STORAGE

Storage requirements: 50 - 90 deg. F in original closed container.
Precautions to take during handling and storage: Prevent skin and eye contact. Avoid breathing this material.
Do not swallow. Normal chemical handling and storage.

SECTION VIII- EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No ACGIH TLV or OSHA PEL is assigned to this mixture. Control of exposure to below the PEL and/or TLV for the ingredients (see Section 2 and/or below) may not be sufficient. Minimize exposure in accordance with good hygiene practice. The ACGIH TLV for diethanolamine is 0.46 ppm (skin).
Engineering Controls: Use ventilation adequate to maintain safe levels.
Eye Protection: Chemical tight goggles.
Protective Clothing: Impervious Gloves.
Respiratory Protection: If needed, use MSHA-NIOSH approved respirator for organic vapors.
Other Protective Equipment: Eyewash station and safety shower in work area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor:	Clear Amber Liquid	Odor Threshold:	No Data.
Boiling Point:	>350 Deg. F, 176.67 Deg. C.	Melting Point:	No Data.
Vapor Pressure (mm Hg @ 20 Deg. C):	No Data	Vapor Density (air=1):	No Data.
Solubility in Water:	Dispersible	pH (10% aqueous):	10.8
Specific Gravity:	0.9826	% Volatile by volume:	No Data
Cloud Point:	No Data	Viscosity:	No Data.
Partition Coefficient:	No Data.	Freezing point:	No Data.
Coefficient of water/oil distribution:	No Data.		

SECTION X - Stability and Reactivity

Stability: Stable under normal conditions.
Incompatibility: Oxidizing agents.
Conditions to Avoid: None Known.
Hazardous decomposition products: Combustion products: Carbon dioxide, carbon monoxide. Nitrogen oxides, amonia.
Hazardous polymerization: Will not occur.



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SECTION XI - TOXICOLOGICAL INFORMATION

The toxicity data listed below are based on the results of screening tests on this specific products.

Eye Contact: This material was minimally irritating in rabbit eye irritation studies. A similar degree of irritation is expected following human eye contact.

Skin Contact: This material was slightly irritating following a 24-hour exposure to rabbit skin.

Acute oral Toxicity: The oral LD50 is between 5 and 15 g/kg. This material is classified as "practically nontoxic" by ingestion.

Carcinogenicity: This material is not listed as a carcinogen by OSHA, IARC, and NTP.

Reproductive toxicity/
Teratogenicity: No available information.

Mutagenicity: No available information.

Toxicologically synergistic products: None known.

SECTION XII - ECOLOGICAL INFORMATION

No data is available on this product.

SECTION XIII - DISPOSAL CONSIDERATIONS

Disposal Method: Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container Disposal: Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

SECTION XIV - TRANSPORT INFORMATION

Department of Transportation: Regulated only when the RQ is met or exceeded.

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (contains: Diethanolamine)

Hazard Class: Class 9, PG III, Environmentally Hazardous Substance

UN/NA ID number: UN3082

EFG Number: ERG#171

TDG (Transportation of Dangerous Goods): Not regulated.

SECTION XV - REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: Inventory.

All ingredients are on the TSCA Chemical Substance

DSL (Canadian) Domestic Substances List):
OSHA Hazard Communication Standard, 29 CFR 1910.1200,
Hazard Summary:

All ingredients are listed on the Canadian DSL.

WHMIS Classification:
CERCLA and SARA Regulations (40 CFR 255, 370, and 372):

Physical Hazards:None
Health Hazards: Irritant (eye)
Class D, Division 2 -- Toxic.
This material contains the following chemicals subject to the reporting requirements of SARA 313:
Chemical Name

CAS Number:
Diethanolamine

SARA 311/312 Hazard Categories:

Immediate: Yes

Fire: No

Pressure: No

State Regulations: None

Delayed: No

Reactivity: No



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SECTION XVI - OTHER INFORMATION

We assigned NFPA ratings and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the products MSDS.*

HMIS Information:	Health: 1	Flammability: 1	Reactivity: 0
NFPA Information:	Health: 1	Flammability: 1	Reactivity: 0

*This information is intended solely for the use of individuals trained in the particular hazard rating system.

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