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SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Issued by: JEEN INTERNATIONAL CORPORATION **Chemtrec Emergency Telephone # 800-424-9300**  
24 MADISON ROAD **Chemtrec Int'l Tel.# 703-527-3887(Collect Calls Accepted)**  
FAIRFIELD, NJ 07004  
Telephone No.: (973) 439-1401  
Product Class: OLEAMIDE DEA & DIETHANOLAMINE  
Trade Name: **JEEMIDE OFO**  
CAS#: 93-83-4  
D.O.T. Hazard Class: NONE  
Proper Shipping Name: LIQUID SOAP N.O.S.  
HAZARD RATINGS: Health (2) Fire (0) Reactivity (0) 0 ---> 4none --> extreme  
ID #: NONE

2 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredients	OSHA PEL
Oleamide DEA (CAS 98-83-4)	Not listed
Diethanolamine (CAS 111-42-2)	0.46 ppm, skin (ACGIH TLV)

Values are not product specifications.

3 HAZARDS IDENTIFICATION

General: No toxicity information is available on this specific preparation; this health hazard assessment is based on information that is available on similar preparations.

Emergency Overview:

Appearance: Clear yellow liquid

**CAUSES EYE BURNS. MAY CAUSE SKIN IRRITATION. INHALATION OR INGESTION MAY CAUSE MUCOUS MEMBRANE IRRITATION.**

Routes of exposure: Eye contact, Skin contact, Ingestion, and Inhalation.

Symptoms of Overexposure (Acute & Chronic)

Eye contact: This material will probably cause burns to human eyes following contact.

Skin contact: This material will probably 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. 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 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 cause changes in liver and kidney weights.

4 FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. 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.

5 FIRE FIGHTING MEASURES

Flashpoint 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 face piece and protective clothing.

Unusual fire and explosion

hazards: None unknown.



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FIRE FIGHTING MEASURES CONTINUED...

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Explosion data: Sensitivity to mechanical impact: Not applicable.  
Sensitivity to static discharge: Not applicable

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**6 ACCIDENTAL RELEASE MEASURES**

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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 containing detergent and flush to a sewer serviced by a permitted Wastewater treatment facility.

**7 HANDLING AND STORAGE**

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Storage requirements: 50-90° 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.

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**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

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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 and full face shield.

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.

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**9 EXPOSURE CONTROLS/ PERSONAL PROTECTION**

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Appearance & odor: Clear yellow liquid  
Odor threshold: No data.  
Boiling point: >300 deg.F, 148.9 deg. C  
Melting point: No data.  
Vapor pressure ( mm Hg at 20 deg. C): No data  
Vapor density ( air = 1): No data  
pH: ( 10% aqueous); 10.3  
Specific gravity: 0.9826  
% Volatile by volume: Negligible  
Cloud point: No data.  
Viscosity: No data.  
Partition Coefficient: No data.  
Coefficient of water / oil distribution: No data  
Freezing point: No data

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**10 STABILITY AND REACTIVITY**

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Stability: Stable under normal conditions.

Incompatibility: Oxidizing agents.

Conditions to avoid: None known.

Hazardous decomposition products: Combustion products: Carbon dioxide, carbon monoxide. Nitrogen oxides, ammonia.

Hazardous polymerization: Will not occur.



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### 11 TOXICOLOGICAL INFORMATION

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No data available on this material.

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.

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### 12 ECOLOGICAL INFORMATION

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No data is available on this product.

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### 13 DISPOSAL CONSIDERATIONS

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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.

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### 14 TRANSPORT INFORMATION

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Department of Transportation: Regulated.  
Proper shipping name: Other regulated substances, Liquid, N.O.S. (contains diethanolamine) RQ (diethanolamine) - 100 lbs or 45.4 kg  
Hazard class: Class 9, PG III, Other Regulated Substance  
UN / NA ID number: NA3082  
ERG number: ERG# 171  
TDG (Transportation of Dangerous Goods): Regulated.

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### 14 REGULATORY INFORMATION

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TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: ALL ingredients are on the TSCA Chemical Substance Inventory.  
DSL (Canadian Domestic Substances List): All ingredients are listed on the Canadian DSL.  
OSHA Hazard Communication Standard, 29 CFR 1910.1200,  
Hazard Summary:  
Physical Hazards: NONE.  
Health Hazards: Corrosive (eye); Inhalation (TLV)  
WHMIS Classification: Class D, Division 2 - Toxic.  
CERCLA and SARA Regulations (40 CFR 355, 370, and 372):  
This material contains the following chemicals subject to the reporting requirements of SARA 313:  
CAS NUMBER CHEMICAL NAME  
111-42-2 DIETHANOLAMINE  
SARA 311/ 312 Hazard categories: Immediate: YES Delayed: NO Fire: NO Pressure  
:NOReactivity: NO  
State Regulations: None.

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### 15 OTHER INFORMATION

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We assigned NFPA ratings and HMIS ratings to this product based on the hazards on 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 product MSDS.\*

HMIS Information

Health 3  
Flammability 1  
Reactivity 0

NFPA INFORMATION

Health 3  
Flammability 1  
Reactivity 0

This information is intended solely for the use of individuals trained in the particular hazard rating system. This Material Safety Data Sheet was prepared by Regulatory Services Department on: 8/21/99

The information herein is given in good faith but no warranty, expressed or implied, is made.