



**JEEN INTERNATIONAL CORPORATION**

24 Madison Road, Fairfield, New Jersey 07004, USA  
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#### MATERIAL SAFETY DATA SHEET

#### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

**Chemtrec Emergency Tel.# 800-424-9300**  
**Chemtrec Int'l Tel.# 703-527-3887(Collect Calls Accepted)**  
Date: 1/21/04

Trade Name: **JEECHEM OLEIC ACID**  
CAS#: 112-80-1

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

Ingredients: Saturated and unsaturated straight chain aliphatic monocarboxylic acids, mainly oleic acid.  
Ingredients not precisely identified are proprietary or non-hazardous.  
Values are not product specifications.

OSHA PEL  
Not listed

#### SECTION 3 – 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: Pale Yellow Liquid; Faint Odor

May be harmful if swallowed.

Routes of Exposure: Eye contact; Skin contact; Inhalation  
(Acute and Chronic):

Symptoms of overexposure: (Acute and Chronic):

Eye Contact: No irritation is likely to develop following contact with eyes.

Skin Contact: No irritation is likely to develop following contact with human skin. This product will probably not be absorbed through human skin.

Inhalation: No irritation is expected to be associated with inhalation of this material. No toxic effects are known to be associated with inhalation of this material.

Ingestion: This material is not likely to cause irritation upon ingestion. This material may be harmful if swallowed.

#### SECTION 4 – 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.

#### SECTION 5 – FIRE FIGHTING MEASURES

Flashpoint: 356 deg. F, 180 deg. C

Autoignition Temp: 661 deg. F, 350 deg. C

Flammable Limits (LEL/UEL): No data.

Extinguishing Media: Water fog, alcohol foam, carbon dioxide, dry chemical, halogenated agents

Fire fighting equipment: Self-contained breathing apparatus with full face piece and protective clothing

Unusual Hazards: None known

Explosion Data:

Sensitivity to mechanical impact: Not applicable

Sensitivity to static discharge: Not applicable



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#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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.

#### SECTION 7 – HANDLING AND STORAGE

Storage Requirements: 50-90 deg. F in original closed container

Precautions to take during Handling and Storage:

Do not swallow. Normal chemical handling and storage.

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

Exposure Limits: No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

Engineering Controls: Use ventilation adequate to maintain safe levels

Eye Protection: Safety glasses with side shields

Protective Clothing: Impervious gloves

Respiratory Protection: Not normally needed if controls are adequate

Other Equipment: Eyewash station in work area

#### SECTION 9 – PHYSICAL DATA AND CHEMICAL PROPERTIES

Appearance and Odor: Pale Yellow Liquid; Faint Odor

Odor Threshold: No data

Boiling Point: 428 deg. F, 220 deg. C

Melting Point: No data

Vapor Pressure (mm Hg @ 20 deg. C): <0.1 hPa (20 deg. C)

Vapor Density (air=1): No data

Solubility in Water: Insoluble

pH: No data

Specific Gravity: No data

% Volatile by Volume: No data

Cloud Point: <10 deg. C

Viscosity: 25 mPa.s (25 deg. C)

Partition Coefficient: >3 (estimated)

Freezing Point: No data

Coefficient of water/oil distribution: No data

#### SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Incompatible Materials: Oxidizing agents

Conditions to Avoid: None known

Hazardous Decomposition: Combustion products: Carbon dioxide, carbon monoxide

Hazardous Polymerization: Will not occur.

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#### SECTION 11 – TOXICOLOGICAL INFORMATION

The toxicity data listed below are based on the results screening test on this specific product.

Eye Contact: This material is nonirritating in rabbit eye irritation studies; no irritation is likely to occur after human eye contact  
Skin Contact: This material is nonirritating in rabbit dermal irritation studies. No irritation is likely to develop following contact with human skin. This material was not a skin sensitizer in animal testing. The potential is low for developing sensitization following contact with human skin.  
Acute Oral Toxicity: This material is classified as "slightly toxic" by ingestion.  
Carcinogenicity: This material is not listed as a carcinogen by OSHA, IARC, and NTP  
Mutagenicity: No available information.  
Reproductive Toxicity/Teratogenicity: No available information  
Toxicologically synergistic Products: None known

#### SECTION 12 – ECOLOGICAL INFORMATION

The ecological information listed below is based on the results of screening test.

Persistence and degradation: This product is readily biodegradable (according to the modified Sturm test)  
Toxicity: Not harmful to aquatic organisms

#### SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Method: Discarded product is not hazardous waster 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 14 – TRANSPORT INFORMATION

DOT Classification: Not regulated  
TDG: Not regulated

#### SECTION 15 – REGULATORY INFORMATION

TSCA Regulations, 40 CFR 710: All ingredients are on the TSCA Chemical Substance Inventory

DSL (Canadian Domestic Substance List): All ingredients are listed on the Canadian DSL

OSHA Hazard Communication Standard, 29 CFR 1920.1200, Hazard Summary:

Physical Hazards: None Health Hazards: None

WHMIS Classification:

Cercla & SARA Regulations (40 CFR 355,370, & 372): This material contains the following chemicals subject to the reporting requirements of SARA 313:\*\*\*No SARA 313 Chemicals for this Chemical\*\*\*

SARA 311/312 Hazard Categories:

Immediate: Yes Delayed: No Fire: No Pressure: No Reactivity: No

State Regulations: None

#### SECTION 16 – OTHER INFORMATION

<b>HMIS Information:</b>	<b>Health: 1</b>	<b>Flammability: 1</b>	<b>Reactivity: 0</b>
<b>NFPA:</b>	<b>Health: 1</b>	<b>Flammability: 1</b>	<b>Reactivity: 0</b>