

AERCHEM INC.
400 W. 7th Street, Suite 112
Bloomington, IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 1/22/97
Product Name: 9-Octadecenoic acid
Common Name: Oleic Acid

Chemical Formula: C18H34O2
CAS No.: 112-80-1

SECTION 2: HAZARDOUS INGREDIENTS:

Acute: Slightly dangerous to dangerous in case of eye contact (irritant), of ingestion, of inhalation. Very slightly to slightly dangerous in case of skin contact (irritant, permeator). May irritate eyes and skin upon contact.

Substance is toxic to mucous membranes.

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	liquid
Boiling point:(760 mm Hg)	222°C (431.6°F)
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water=1):	0.895
Solubility in water:(by weight)	insoluble in cold water
Melting Point:	13.2 °C (55.8°F)
Volatility:	n/a
Vapor Density:	9.74

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	closed cup: 189°C (372.2°F)
Flammable limit:	n/a
Extinguishing Media:	small fire: use dry chemicals, CO2, water spray or foam large fire: Use water spray, fog or foam. Do not use jet.
water	
Unusual Fire and Explosion Hazards:	n/a

This material is combustible.

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	n/a
Incompatibilities:	n/a
Hazardous Decomposition or byproducts:	Products of degradation are more toxic
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA**Threshold Limit Value (TLV):****Permissible Exposure Limit:** n/a**Toxicity:****Oral LD50 (rat):** 74000 mg/kg**NTP:****IARC Monographs:**

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SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**First Aid:****Eyes:** Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.**Skin:** Remove contaminated clothing quickly. Place victim under deluge shower. If on skin, gently wash with running water and non-abrasive soap. Cover irritated skin with an emollient. Seek medical attention if irritation

persists.

Inhalation: Allow victim to rest in well ventilated area. Seek medical attention.**Ingestion:** Remove any dentures. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Seek medical attention.**Spillage:** Small: absorb with an inert material and put spilled material in appropriate waste disposal. Large: Combustible material. Keep away from heat and sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.**Disposal:** Recycle to process, if possible. Consult local or regional authorities.

SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING**Other Precautions:** Keep away from heat, sources of ignition, and oxidizing agents. Keep in dry, cool place. Ground all material containing material. Don't breath gas, fumes, vapor or spray. Avoid contact with eyes. Wear suitable protective clothing and respiratory equipment.

SECTION 9: SPECIAL PROTECTION INFORMATION**Ventilation:** Provide exhaust ventilation or other engineering controls to keep vapors below respective threshold limit value. Ensure eyewash and safety shower is proximal to work-station.**Eye Protection:** splash goggles**Protective Gear:** lab coat, vapor respirator**Respiratory Protection:**

SECTION 10: TRANSPORT INFORMATION

DOT classification: Not a Dot controlled material (US)
DOT pictograms: none