



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Oleic acid

30-1299

Section 1: Identification

Product Name Oleic acid
Commercial Name Not available
Product Use Manufacture of substances
Restrictions On Use Not available

Product Code 30-1299

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Skin irritation (Category 2)
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Causes skin irritation.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	P264 Wash skin thoroughly after handling. P280 Wear protective gloves.
Response	P302 P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see supplemental first aid instructions on this label). P332 P313 If skin irritation occurs: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.
Storage	Not available
Disposal	Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Oleic acid
% By Weight 100
CAS# 112-80-1
Molecular Weight 282.46g/mole
Chemical Formula C18H34O2
Synonym(s) 9-Octadecenoic acid, Elainic acid

Mixtures Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Oleic acid	112-80-1	100	Not available.	ORAL (LD50):Acute: 25000 mg/kg [Rat]. 28000 mg/kg (Mouse)

Section 4: First-Aid Measures

Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Symptoms/Effects	
Acute	Not available
Delayed	Not available.
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Hazardous decomposition products formed under fire conditions.- Carbon oxides.

Firefighters Special Equipment and Precautions

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental precautions: Do not let product enter drains. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection. Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available.
Personal Protection	Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Safety glasses with side-shields conforming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Appearance	Liquid. Colorless to pale yellow		
Odor	Fatty		
Odor Threshold	Not available		
Melting Point	13.2°C (55.8°F)	pH	Not available
Freezing Point	Not available	Vapor Pressure	<1
Boiling Point/Range	350C+	Vapor Density	9.74 (Air = 1)
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	(°F) Closed cup >200	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Slight		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under recommended storage conditions.
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Hazardous decomposition products formed under fire conditions. - Carbon oxides.

Section 11: Toxicological Information**RTECS** RG2275000**Acute Toxicity**

Oral LD50 - rat - 74,000 mg/kg Inhalation LC50 - no data available Dermal LD50 - no data available

Skin Corrosion/Irritation

Skin - Human - Skin irritation - 3 d

Serious Eye Damage/Irritation

Eyes - rabbit - Mild eye irritation

Respiratory or Skin Sensitization

Not established

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not established

Reproductive Toxicity

Not available

Routes of Entry

Eye contact. Inhalation. Ingestion.

Symptoms Related to Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated



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Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes May cause eye irritation.

Target Organ(s) Not available

Section 12: Ecological Information

Ecotoxicity

Toxicity to fish: LC50 - Pimephales promelas (fathead minnow) - 205 mg/l - 96 h

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations

Waste Disposal

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Disposal of Container

Dispose of as unused product.

Other Considerations

Not available.

Section 14: Transport Information

DOT Classification

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

OSHA Hazards Irritant. SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Acute Health Hazard. Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components

CAS-No.	Revision Date Oleic acid	112-80-1	1989-08-11.	New Jersey
Right To Know Components	CAS-No.	Revision Date Oleic acid		
112-80-1	1989-08-11	California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Other

Not available.

Section 16: Other Information



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