

Oleic Acid Propyl Ester: sc-295975



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Oleic Acid Propyl Ester
Product Number: sc-295975
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	ACGIH Exposure Limits:	OSHA Exposure Limits:
OLEIC ACID PROPYL ESTER	111-59-1	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause skin irritation and/or dermatitis

Principle routes of exposure: Skin

Inhalation: May cause irritation of respiratory tract

Ingestion: May be harmful if swallowed.

Skin contact: May cause allergic skin reaction

Eye contact: Avoid contact with eyes

Statements of hazard MAY CAUSE ALLERGIC SKIN REACTION.

Statement of Spill or Leak - ANSI Label Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: Move to fresh air. Call a physician immediately.

Skin contact: Rinse immediately with plenty of water and seek medical advice

Ingestion: Do not induce vomiting without medical advice.

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Protection of first-aiders: No information available

Medical conditions aggravated by exposure: None known

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards: Burning produces irritant fumes.

Unusual hazards: None known

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods: Water mist may be used to cool closed containers.

Flash point: Not determined

Autoignition temperature: Not determined

NFPA rating:

NFPA Health: 1

NFPA Flammability: 1

NFPA Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES**Personal precautions:** Use personal protective equipment.**Environmental precautions:** Prevent product from entering drains.**Methods for cleaning up:** Sweep up and shovel into suitable containers for disposal.**7. HANDLING AND STORAGE****Storage:** -20°C**Handling:** Use only in area provided with appropriate exhaust ventilation.**Safe handling advice:** Wear personal protective equipment.**Incompatible products:** Oxidizing and spontaneously flammable products.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering measures:** Ensure adequate ventilation.**PERSONAL PROTECTIVE EQUIPMENT****Respiratory protection:** Breathing apparatus only if aerosol or dust is formed.**Hand protection:** PVC or other plastic material gloves**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.**Eye protection:** Safety glasses with side-shields**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical state:** Liquid**Formula:** C₂₁H₄₀O₂**Molecular weight:** 324.5**Melting point/range:** No data available at this time.**Boiling point/range:** No Data available at this time.**Density:** No data available**Vapor pressure:** No data available**Evaporation rate:** No data available**Vapor density:** No data available**Solubility (in water):** No data available**Flash point:** Not determined**Autoignition temperature:** Not determined**10. STABILITY AND REACTIVITY****Stability:** Stable under recommended storage conditions.**Polymerization:** None under normal processing.**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapors such as carbon oxides.**Materials to avoid:** Strong oxidizing agents**Conditions to avoid:** Exposure to air or moisture over prolonged periods.

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Components

OLEIC ACID PROPYL ESTER

RTECS Number:

Not Available

Selected LD50s and LC50s

Not Determined

Chronic toxicity: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Local effects: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Specific effects: May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

Primary irritation: No data is available on the product itself.

Carcinogenic effects: No data is available on the product itself.

Mutagenic effects: No data is available on the product itself.

Reproductive toxicity: No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Mobility: No data available

Bioaccumulation: No data available

Ecotoxicity effects: No data available

Aquatic toxicity: May cause long-term adverse effects in the aquatic environment.

Components	U.S. DOT - Appendix B - Marine Pollutant	U.S. DOT - Appendix B - Severe Marine Pollutants	United Kingdom - The Red List:
OLEIC ACID PROPYL ESTER	Not Listed	Not Listed	Not Listed
Components	Germany VCI (WGK)	World Health Organization (WHO) - Drinking Water	Ecotoxicity - Fish Species Data
OLEIC ACID PROPYL ESTER	Not Listed	Not Listed	Not Listed
Components	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data	Ecotoxicity - Water Flea Data
OLEIC ACID PROPYL ESTER	Not Listed	Not Listed	Not Listed
Components	EPA - ATSDR Priority List	EPA - HPV Challenge Program Chemical List	California - Priority Toxic Pollutants
OLEIC ACID PROPYL ESTER	Not Listed	Not Listed	Not Listed

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging: Do not re-use empty containers

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

International Inventories

Components

OLEIC ACID PROPYL ESTER

Inventory - United States TSCA - Sect. 8(b)	Present
Canada DSL Inventory List -	Present
Australia (AICS):	Present
EU EINECS List -	203-885-3; C21H40O2
Korean KECL:	KE-26515
Philippines PICCS:	Present

U.S. regulations:

Components

	California Proposition 65	Massachusetts Right to Know List:	New Jersey Right to Know List:	Pennsylvania Right to Know List:
OLEIC ACID	-	Not Listed	Not Listed	Not Listed
PROPYL ESTER	Not Listed	Not Listed	Not Listed	Not Listed

Components

	Florida substance List:	Rhode Island Right to Know List:	Illinois - Toxic Air Contaminants	Connecticut - Hazardous Air Pollutants
OLEIC ACID	-	Not Listed	Not Listed	Not Listed
PROPYL ESTER	Not Listed	Not Listed	Not Listed	Not Listed

Components

	SARA 313 Emission reporting/Toxic Release of Chemicals	CERCLA/SARA - Section 302 Extremely Haz	NTP:	IARC:
OLEIC ACID	-	Not Listed	None	None
PROPYL ESTER	Not Listed	Not Listed	None	None

SARA 313 Notification: The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

If you are unsure if you are subject to the reporting requirements of Section 313, or need more information, please call the EPA Emergency Planning and Community Right-To-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).

State Notification:

The above information is your notice as to the Right-to-Know listings of the stated product(s). Individual states will list chemicals for a variety of reasons including, but not limited to, the compounds toxicity; carcinogenic, tumorigenic and/or reproductive hazards; and the compounds environmental impact if accidentally released.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

3/08/2013