

# Safety Data Sheet

## **Section 1: Identification**

**Oleic Acid (9-Octadecenoic Acid, Fatty acid)**

CAS No.: 112-80-1

Manufactured by: Owensboro Grain Edible Oils      1145 Ewing Road  
P.O. Box 1787      Owensboro, KY 42302  
(270) 926-2032

Emergency Health and Safety Number:      270-686-6628

## **Section 2: Hazard Identification**

Classification: Class IC flammable liquid



Signal Word: Warning

Hazard Statement:

Flammable liquid; remove ignition sources from area of transfer or use.

May cause irritation to skin, eyes and respiratory tract. Seek medical attention as needed.

## **Section 3: Composition Information on Ingredients**

Oleic Acid (Fatty Acid) 100%

## **Section 4: First Aid Measures**

**Inhalation:** When symptoms occur, remove to fresh air and ventilate suspected area. Seek medical attention for any breathing difficulty.

**Ingestion:** If large amounts swallowed, give water to drink. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical advice.

**Skin Contact:** Remove contaminated clothing. Wash affected skin with soap and water.

**Eye Contact:** Flush eyes with water. Remove contact lenses if present and easy to do. Seek medical attention if irritation develops.

There are a small number of individuals who may have allergic sensitivity to ingestion of various soy-derived products.

## **Section 5: Fire Fighting Measures**

**Fire Fighting Procedures:** Class B fire. Extinguish with carbon dioxide, dry chemical powder or foam. Application of water to burning material could cause splashing and spread the fire.

Material will float on water.

Class IC flammable liquid. In the event of fire, wear full protective clothing and self-contained breathing apparatus.

### **Section 6: Accidental Release Measures**

Ventilate area of leak or spill. Remove all sources of ignition. Isolate hazard area. Wear appropriate personal protective equipment. Keep unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material, and place in a chemical waste container. Do not use combustible materials such as saw dust. Do not flush to sewer or waterways.

### **Section 7: Handling and Storage**

Store in a cool, dry, ventilated area. Keep in a tightly closed container. Practice good housekeeping – spillage can be slippery on smooth surfaces.

Flammable liquid; remove ignition sources from area of transfer or use. Provide grounding and bonding of containers and transport vehicles.

Surfaces coated with vegetable oil products are slippery. Temperature may be hot during/after processing. Avoid contact with hot product to prevent thermal burns.

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking, and before leaving work.

Stainless steel preferred for storage.

### **Section 8: Exposure Control/Personal Protection**

No occupational exposure limits have been established for this material.

Respiratory Protection: If irritation is experienced, NIOSH-approved respiratory protection should be worn.

Ventilation: Local or general exhaust as needed

Protective Gloves: Rubber or neoprene gloves

Eye Protection: Safety glasses or chemical goggles; Use face-shield if risk of splashing.

Work/Hygienic Practices: Do not eat, drink or smoke when using this material.

### **Section 9: Physical and Chemical Properties**

Flashpoint (Method): approximately 95 F (Closed cup)

Flammable Limits: LEL: Unknown UEL: Unknown

Auto-ignition Temperature: Unknown

Appearance: Pale yellow to brownish yellow oily liquid

Evaporation rate: Unknown

Specific Gravity: 0.895 @ 25C

Vapor density: Greater than 1

Solubility in Water: Insoluble

**Section 10: Stability and Reactivity**

Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Avoid ignition sources, direct sunlight, excessive heat or cold.

Incompatibility (Materials to avoid): Aluminum, oxidizing agents, strong mineral acids and alkalies.

Hazardous Decomposition or Byproducts: Oxides of Carbon (CO, CO<sub>2</sub>)

Hazardous Polymerization: Will not occur

**Section 11: Toxicological Information**

Routes of Entry: Inhalation: Yes Skin: Yes Eyes: Yes Ingestion: Unlikely

Carcinogenicity: No OSHA Regulated: No

May be transient irritant to skin and eyes. Dust from this product may cause minor eye irritation.

Inhalation exposures are possible due to product volatility.

Ingestion may cause nausea, vomiting and diarrhea.

Medical Conditions Generally Aggravated by Exposure: Unknown

**Section 12: Ecological Information** (Non-mandatory)

**Section 13: Disposal Considerations** (Non-mandatory)

Dispose of waste material in accordance with all local, state and national regulations

**Section 14: Transport Information** (Non-mandatory)

Class IC flammable liquid

**Section 15: Regulatory Information** (Non-mandatory)

Toxic Substances Control Act: Listed on the U.S. TSCA inventory.

SARA 311/312 hazards: Acute: yes Chronic: no Fire: yes Pressure: no Reactivity: no

Section (b)(5)(iii) of the HCS (29 CFR 1910.1200) exempts food, including feed, from the labeling requirements of the HCS since the food/feed is subject to the labeling requirements of the Food and Drug Administration.

**Section 16: Other Information**

The information on this SDS is believed to be accurate. However, each purchaser should make its own determination about the suitability of the product for its purposes. The manufacturer assumes no responsibility for any risk or liability arising from the use of this information or the product.

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