



**TECHNO PHARMCHEM**

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

## OLEIC ACID MATERIAL SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product form : Substance  
CAS No : 112-80-1  
Product code : 44034

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Industrial/professional use spec : Industrial  
For professional use only :  
Use of the substance/mixture : Laboratory Reagent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the manufacturer of the safety data sheet

Techno Pharmchem  
Plot No.1022, Modern Industrial Estate,  
Bahadurgarh-124507, India  
T +91 11 23646422  
info@technopharmchem.com

#### 1.4. Emergency telephone number

Emergency number: +91 11 23646422 (9:30am – 5.30pm)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin corrosion/irritation, H315  
Category 2

Full text of classification categories and H statements : see section 16

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Xi; R36

Full text of R-phrases: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available



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## 2.2. Label elements

Labeling according to Directive 67/548/EEC or 1999/45/EC

Signal word (CLP) : Warning  
Hazard statements (CLP) : H315 - Causes skin irritation

## 2.3. Other hazards

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Name : OLEIC ACID  
CAS No : 112-80-1  
Full text of R- and H-phrases: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

First – aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.  
First-aid measures after skin contact : Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : If eye irritation persists: Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Causes skin irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

No additional information available

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

#### **6.1.2. For emergency responders**

No additional information available

### **6.2. Environmental precautions**

Avoid release to the environment

### **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

### **6.4. Reference to other sections**

No additional information available

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Precautions for safe handling : Do not get in eyes, on skin, or on clothing.  
Hygiene measures : Wash ... thoroughly after handling.

### **7.2. Conditions for safe storage, including any compatibilities**

Storage conditions : Store in a well-ventilated place. Keep container tightly closed.

### **7.3. Specific end use (S)**

No additional information available

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

No additional information available

### **8.2. Exposure controls**

Hand protection : Protective gloves  
Eye protection : Chemical goggles or safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : Wear respiratory protection.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Pale yellow
Odor	:	peculiar lard-like
Odor threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting Point	:	13 - 14°C
Freezing point	:	No data available
Boiling point	:	194 - 195°C
Flash point	:	113°C
Auto-ignition temperature	:	363°C
Decomposition temperature	:	No data available
Flammability (Solid, gas)	:	No data available
Vapor pressure	:	1 mm Hg at 176°C
Relative vapor density at 20°C	:	9.7
Relative density	:	No data available
Density	:	0.89 g/cm <sup>3</sup>
Solubility	:	Water: Insoluble in water
Log pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Explosive limits	:	No data available

### 9.2. Other information

No additional information available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No additional information available

### 10.2. Chemical Stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture.

### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Acute toxicity	:	Not classified
Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Not classified
Respiratory or skin sensitisation	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
Specific target organ toxicity (single exposure)	:	Not classified
Specific target organ toxicity (repeated exposure)	:	Not classified
Aspiration hazard	:	Not classified

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT AND vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Product/package disposal recommendations	:	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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