

## 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b> Silicone oil	<b>Supplier:</b> ASES CHEMICAL WORKS.
<b>Synonyms:</b> Polydimethylsiloxane, Trimethylsiloxyterminated	<b>Address:</b> Brahm Bagh, Jalori Gate
<b>INCI Name:</b> Polydimethylsiloxane	Jodhpur - 342001 Rajasthan-India
<b>CAS Number:</b> 63148-62-9	<b>Phone:</b> +91-9636889954
<b>Formula:</b> -Si(CH <sub>3</sub> ) <sub>2</sub> O-)n	<b>Web:</b> www.ases.in
<b>Product Form:</b> Liquid	<b>Email :</b> ecom@ases.in
<b>Product Use:</b> Domestic, Industrial, Manufacture of substances	

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### 2.2. Label Elements:

**Singal :** Dangerous .

**Hazard Statement :** Harmful if swallowed.

### 2.3. Other Hazards:

Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Molar Mass	Weight%
Silicone oil	63148-62-9	613-156-5	Polymer	100%

## 4 FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation:** If inhaled, removed to fresh air. Get medical attention if symptoms appear.

**Ingestion:** Seek medical attention or contact local poison control centre.

## 5 FIRE-FIGHTING MEASURES

**Suitable extinguishing media :** Water spray, water jet, foam, dry powder, carbon dioxide.

**Fire-Fighting/Further Advice:** Wear proper protective equipment. Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## 6 ACCIDENTAL RELEASE MEASURES

**Small Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## 7 HANDLING & STORAGE

**Precautions:** Keep away from Heat & from sources of ignition. Ground all equipment containing material. Do not ingest. Keep Away From Eyes.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection:** Splash goggles. Lab coat.

**Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

# MATERIAL SAFETY DATA SHEET

## SILICONE OIL

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid.	<b>Specific Gravity:</b>	0.97 @ 25 deg. C(Water = 1)
<b>Odor:</b>	Mild	<b>Vapor Pressure:</b>	0.1 kPa (@ 20°C)
<b>Taste:</b>	Not available.	<b>Vapor Density:</b>	Not available.
<b>Molecular Weight:</b>	Not available.	<b>Volatility:</b>	Not available.
<b>Color:</b>	Clear Colorless.	<b>Odor Threshold:</b>	Not available.
<b>pH (1% soln/water):</b>	Not applicable.	<b>Water/Oil Dist. Coeff.:</b>	Not available.
<b>Boiling Point:</b>	Not available.	<b>Ionicity (in Water):</b>	Not available.
<b>Melting Point:</b>	Not available.	<b>Dispersion Properties:</b>	Not available.
<b>Critical Temperature:</b>	Not available.	<b>Solubility:</b>	Insoluble in hot water.

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable.	<b>Special Remarks on Reactivity:</b>	Not available
<b>Instability Temperature:</b>	Not available.	<b>Special Remarks on Corrosivity:</b>	Not available.
<b>Conditions of Instability:</b>	Excess heat	<b>Polymerization:</b>	Will not occur.
<b>Corrosivity:</b>	Not available.	<b>Incompatibility with various substances:</b>	Not available.

### 11 TOXICOLOGICAL INFORMATION

**Routes of Entry:** Absorbed through skin. Eye contact.

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

**Special Remarks on other Toxic Effects on Humans:** Acute Potential Health Effects: Skin: May cause slight skin irritation. Eyes: May cause moderate eye irritation with conjunctivitis. Inhalation: Short-term harmful health effects are not expected from vapor or mist. Ingestion: It is expected to be a low ingestion hazard.

### 12 ECOLOGICAL INFORMATION

<b>Persistence and Degradability:</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
<b>Ecotoxicity :</b>	No data available
<b>Other Adverse Effects:</b>	No data available

### 13 DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14 TRANSPORT INFORMATION

**US DOT Shipping Description (Land) :** Not regulated

**IMO-IMDG Shipping Description (Sea) :** Not regulated

**IATA Shipping Description (Air) :** Not regulated

### 15 REGULATORY INFORMATION

No data available

### 16 OTHER INFORMATION

#### Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.