

## Material Safety Data Sheet Oleo Pine Resins

### Section 1: Chemical Product and Company Identification

Product Name : Oleo Pine Resins  
Chemical Formula : -  
Company Identification : Tradeasia International Pte Ltd  
Email : contact@chemtradeasia.com

### Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Oleo Pine Resins	8050-09-7	100

### Section 3: Hazards Identification

**Fire and explosion hazard:** Flammable

**Health hazard:** Xn - Harmful  
Harmful by inhalation, skin contact and if swallowed.  
Irritating to eyes and skin.  
May cause sensitization by skin contact.  
Harmful: may cause lung damage by ingestion.

**Environmental hazard:** N - Environmental hazard

Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

### Section 4: First Aid Measures

**General Information:** Seek medical help in case of any doubt or occurrence of disease symptoms.

**Inhalation:** In case of inhalation of vapors, remove the patient into fresh air, keep warm and at rest. If necessary, administer oxygen or artificial respiration. Seek medical help in case of more severe damage.

**Skin Contact:** Remove contaminated clothes. Wash the skin with soap and water. Seek medical help if skin irritation persists.

**Eye Contact:** Rinse with plenty of water for several minutes, also under eyelids. Continue to rinse for several minutes, moving the eye into extreme positions. Contact an eye specialist (hazard of corneal damage).

**Ingestion:** Rinse the mouth cavity with plenty of water and seek medical help. DO NOT induce vomiting!

Information for physician or other professional administering first aid: Show the label and the material safety data sheet.

### Section 5: Fire and Explosion Data

**Suitable extinguishing materials:** Dry powder, foam or carbon dioxide.

**Explosion limits:** 0.8 volume % (min) and 6.0 volume % (max)

**Unsuitable extinguishing materials:** Never use water.

**Special hazards in case of fire:** Irritating and harmful compounds may be released during burning.

**Special protective equipment in case of fire:** Compressed-air-operated protective mask, protective clothing.

**Special instructions:** Vessels and containers of the product located near open flame shall be cooled down with a jet of water from a sufficient, safe distance.

## Section 6: Accidental Release Measures

**Personal precautions:** Persons in a contaminated area shall be evacuated to the upwind part of the area. Fire and explosion risks are eliminated by isolating the area from sources of ignition and preventing vapours from accumulating in hollows and closed spaces.

**Environmental precautions:** Try to prevent the contamination from spreading and the material from entering the environment. Liquid product shall be collected before it can spread into drains, soil and water.

**Spillages:** Collect as much of the material as possible into a clean container for re-use or disposal. Residues shall be absorbed with a special oil absorber which shall be stored in a fire-proof environment (spontaneous combustion may occur). Waste containing the product shall be disposed of in compliance with national regulations.

**Other necessary information:** Environmental contamination shall immediately be reported to the local rescue service. Sufficient personal protection equipment shall be used at all work operations.

## Section 7: Handling and Storage

**Handling:** The product shall be handled in a well-ventilated space. Use a protective mask if necessary. The Liquid / vapors are highly flammable. Prevent sparks caused by static electricity. Production shall be isolated from sources of ignition. Smoking is prohibited.

## Section 8: Exposure Controls/Personal Protection

**Exposure control in working environment:** The product shall be used in a closed system or ensuring sufficient ventilation. Do not eat, drink or smoke in the working area. Wash hands before breaks; wash yourself with running water and soap in a shower after work. A bottle with water for rinsing the eyes shall be kept at the workplace. Apply skin cream after work. Working clothes should be washed with alkaline washing agents.

**Respiratory protection:** If necessary, use a protective mask fitted with an A filter.

**Hand protection:** Use nitrile protective gloves of a material impermeable for aromatic hydrocarbon compounds. Protective gloves shall be replaced regularly to prevent the chemical from filtering through the material.

**Eye protection:** Protective goggles.

**Skin protection:** Use protective clothing and footwear, preferably of antistatic material.

## Section 9: Physical and Chemical Properties

Physical state and appearance	: Liquid
Odor	: Not available.
Taste	: Not available.
Molecular Weight	: -
Color	: Light Green
pH (1% soln./water)	: Not available.
Boiling Point	: 154°C - 170°C
Melting Point	: -50°C to -60°C
Flash Point	: -35°C (in a sealed container)
Critical Temperature	: Not available.
Specific Gravity	: 3.55 (Water = 1)
Vapor Pressure	: 0.25 – 0.67 kPa (20°C)
Vapor Density	: 4.7 (Air = 1).
Relative Density	: ~0.87 g/cm <sup>3</sup>
Volatility	: Not available.

Odor Threshold : Not available.  
Dispersion Properties : See solubility in water.  
Solubility : Non-soluble in water.

### Section 10: Stability and Reactivity Data

**Conditions to avoid:** Stable at normal temperature and pressure. Avoid storing of the product in open containers. Prevent occurrence of static electricity, open flame, smoking. Avoid working in a space without air exchange.

**Materials to avoid:** Keep separated from highly oxidizing substances - strong alkalis and strong acids.

**Hazardous decomposition products:** Formed at slow degradation of the substance caused by air and light. Oxidation products: oxidants, calcium hypochlorite, chlorine, stannous chloride, halogens, mineral acids. Toxic smoke containing carbon monoxide is released at thermal degradation.

### Section 11: Toxicological Information

**Acute toxicity:** At ingestion: LD50 = 5760 mg, rat

**Irritating and corrosive effect:** Irritating to eyes and skin.

**Sensitizing properties:** Skin contact may cause allergy.

**Information obtained from practical use:** Harmful at inhalation, skin contact and if swallowed. Harmful: may cause lung damage at ingestion.

### Section 12: Ecological Information

#### Ecotoxicity - Ecological information

Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

LD50/96h, fish = 198 mg/L

**Bacteria:** EC10 (*Pseudomonas putida*); 9000 mg/L

**Mobility:** Non-soluble in water, the product evaporates easily from ground and water surface.

**Bioaccumulation:** Low accumulation but easily volatile.

**Other necessary information:** Do not release into bodies of water, drains and soil.

### Section 13: Disposal Considerations

**Waste Disposal:** Residual chemical and used containers shall be disposed of according to the valid legislation regulating waste management.

### Section 14: Transport Information

**UN Number:** 1299

**Packaging Group:** III

#### Land Transport

Hazard division of cargo / ADR class: 3

Hazard ID number: 30

Name according to accompanying document : Turpentine

#### Sea Transport

IMDG-code: 3

Accurate technical name: Turpentine

#### Air Transport

ICAO/IATA-code: 3

Accurate technical name: Turpentine

## **Section 15: Other Regulatory Information**

### **Information on the label:**

Hazard symbol and its meaning

Xn - Harmful

N - Environmental hazard

### **Names of ingredients to be indicated on the label:**

Turpentine

### **Risk phrases:**

R10 - Flammable.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitization by skin contact.

R65: Harmful: may cause lung damage if swallowed.

R51/53 - Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

### **Safety phrases:**

S2 - Keep out of the reach of children.

S36/37 - Wear suitable protective clothing and gloves.

S46 - If swallowed, seek medical advice immediately and show the container or label.

S61 - Avoid release to the environment. Refer to special instructions / safety data sheets.

S62 - If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label.

## **Section 16: Other Information**

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 we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Tradeasia International Pte. Ltd. Be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Tradeasia International Pte. Ltd. has been advised of the possibility of such damages.