HIMALAYA TERPENES PVT. LTD.

201/5, Jogani Industrial Complex ,V.N. Purav Marg, Sion-Chunabhatti (E) Mumbai – 400022.
CIN: U24100MH1999PTC121377 Tel: +91-22-35397805 Email: info@himalayaterpene.com

MATERIAL SAFETY DATA SHEET

PINE TAR

ISSUE DATE: 01.01.2024

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY:

Product Name : PINE TAR
CAS#: 8011-48-1
Contact Information: **HIMALAYA TERPENES PVT LTD**
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Sion-Chunabhatti (E) Mumbai – 400022
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info@himalayaterpene.com

2. COMPOSITION / INFORMATION IN INGREDIENTS:

Composition:
Name: PINE TAR
CAS # : 8011-48-1
Toxicological Data on Ingredients: Pine tar LD50: Not available. LC50: Not available.

3. HAZARDS IDENTIFICATION:

Potential Acute Health Effects:
Very hazardous in case of ingestion. Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of inhalation.

Potential Chronic Health Effects:
Very hazardous in case of ingestion.
Hazardous in case of eye contact (irritant).
Slightly hazardous in case of skin contact (irritant), of inhalation.
CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.

4. FIRST AID MEASURES:

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Flammability of the Product: Flammable.
Auto-Ignition Temperature: 355°C (671°F)
Flash Points: CLOSED CUP: 54°C (129.2°F). OPEN CUP: 235°C (455°F).

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
Flammable liquid.
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

6. ACCIDENTAL RELEASE MEASURES:

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

Large Spill: Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. If the product is in its solid form: Use a shovel to put the material into a convenient waste disposal container. If the product is in its liquid form: Absorb with DRY earth,

sand or other non-combustible material. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources.

7. HANDLING AND STORAGE:

Precautions: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe gas/fumes/ vapour/spray. Avoid contact with eyes Wear suitable protective clothing If you feel unwell, seek medical attention and show the label when possible.

Storage: Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors 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.

Exposure Limits: Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state and appearance:	Liquid. (Viscous liquid.)
Odor:	Not available.
Taste:	Not available.
Molecular Weight:	Not available.
Color:	Brownish black.
pH (1% soln/water):	Not available.
Boiling Point:	113°C (235.4°F)
Melting Point:	25°C (77°F)
Critical Temperature:	Not available.
Specific Gravity:	0.99 (Water = 1)
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Volatility:	Not available.

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Odor Threshold: Not available.
Water/Oil Dist. Coeff.: Not available.
Ionicity (in Water): Not available.
Dispersion Properties: Not available.
Solubility: Not available.

10. STABILITY AND REACTIVITY:

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances: Not available.
Corrosively: Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosively: Not available.
Polymerization: No.

11. TOXICOLOGICAL INFORMATION:

Routes of Entry: Eye contact. Ingestion.

Toxicity to Animals:

LD50: Not available.
LC50: Not available.

Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: Very hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

12. ECOLOGOICAL INFORMATION:

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Possibly hazardous short term degradation products are not likely.

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However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation: Not available.

13. DISPOSAL CONSIDERATION:

Waste Disposal: Not Available

14. TRANSPORT INFORMATION:

DOT Classification: CLASS 3: Combustible liquid with a flash point greater than 37.8C (100F)
Identification:: Flammable liquids n.o.s. : UN1993 PG: Not available.
Special Provisions for Transport: No DOT, ref 49CFR, 173.150

15. REGULATORY INFORMATION:

Federal and State Regulations: TSCA 8(b) inventory: Pine tar
Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:
WHMIS (Canada): CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
DSCL (EEC): R10- Flammable. R36- Irritating to eyes.
HMIS (U.S.A.):
Health Hazard: 0
Fire Hazard: 2
Reactivity: 0
Personal Protection: j

National Fire Protection Association (U.S.A.):
Health: 0
Flammability: 2
Reactivity: 0

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Specific hazard:
Protective Equipment: Not applicable. Lab coat. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

16. ADDITIONAL INFORMATION:

References: Not available.
Other Special Considerations: Not available.

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.