



Phone :- 0091-9216174152

0091-7009467937

0091-1882291252

Email :- thepineproducts@gmail.com

Web:- thepineproducts.in

THE PINE PRODUCTS

Near Rayat Bahara College, Chandigarh Road, V.P.O Bohan, Hoshiarpur-146104(Pb.)

Material Safety Data Sheet (MSDS)

DIPENTINE OIL

1. Chemical Product and Company Identification

Name : Dipentine Oil

CAS# : 138-86-3

Chemical Name : Not available.

Chemical Formula : Not available.

COMPANY IDENTIFICATION

Supplier:

The Pine Products.

VPO Bohan, Distt Hoshiarpur(PB)-146001

INDIA

24 Hour Health Emergency 0091 9216174152

Transportation Emergency Phone 0091-7009467937

Company Name	Place	EMERGENCY TELEPHONE NUMBER
The Pine Products	India	Emergency -0091- 9216174152

2. Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Dipentine Oil	138-86-3	1-50%

3. Hazards Identification

Potential Acute Health Effects:

Hazardous in case of skin contact (irritant),

of eye contact (irritant),

of ingestion, of inhalation.

Slightly hazardous in case of skin contact (permeator).

Manufacturers Of :- Various Kind Pine oil, Carene, Longifolene, D.D Terpentine, Dipentine, Terpeneols, Pine Tar Etc.



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Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

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.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

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.

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5. Fire and Explosion Data

Auto-Ignition Temperature	: Not available.
Flash Points	: CLOSED CUP: 35°C (39°F).
Auto-Ignition Temperature	: 253 °C (487.4 °F)
Flammable of Product	: Flammable.
Flammable Limit	: Lower :0.8%
Products of Combustion	: These products are carbon oxides (CO, CO2)

Fire Hazards in Presence of Various Substances:

Flammable in presence of oxidizing material.

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:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Cool containing vessels with water jet in order to prevent pressure build-up , auto ignition or explosion

Do not use water jet.

6. Accidental Release Measures

Person-related safety precautions:

- ✓ Ensure adequate ventilation
- ✓ Do not breathe vapor/spray.
- ✓ Avoid contact with the eyes and skin.
- ✓ Wear protective clothing.

Measures for environmental protection:

- ✓ Do not allow to penetrate the ground/soil.
- ✓ Do not allow to enter sewers/ surface or ground water.
- ✓ Keep contaminated washing water and dispose of appropriately.

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Measures for cleaning/collecting:

Small Spill:

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

Large Spill:

Toxic flammable liquid, insoluble or very slightly soluble in water. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

7. Handling and Storage Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

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/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 eye wash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

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Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. 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.
Odor	: N.A
Color	: Light Pale oily transparent liquid.
Boiling Point	: 158-165 °C
Specific Gravity	: 0.8560-0.8690 at 20 °C
Flash Point	: 35 °C (CC Method)
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Insoluble in water.

10. Stability and Reactivity Data

- ✓ **Chemical stability:** Stable under recommended storage conditions.
- ✓ **Conditions and materials to avoid:** Heat, flames, sparks and Strong oxidizing agents.
- ✓ **Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions. - Carbon oxide.
- ✓ **Special Remarks on Reactivity:** Do not combine with Stannic Chloride, Chromyl Chloride, Acetone, and Chlorine.

11. Toxicological Information

Acute toxicity:

LD/LC50 values relevant for classification:

- ✓ Oral LD50 5760 mg/kg (Rats)
- ✓ Acute toxicity of the vapor (LC50): 29000 1 hours [Mouse]

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Primary irritant effect:

- ✓ **On the skin:** Slight irritations.
- ✓ **On the eye:** Irritating effect.
- ✓ **After inhalation:** Slight irritations.
- ✓ **Sensitization:** Possible through skin contact.
- ✓ **Ingestion:** May be harmful if swallowed.

Further information: The product should be handled with the care usual when dealing with chemicals. case of skin contact (permeator).

12. Ecological Information

Ecotoxic effects: Toxic to aquatic life with long-term adverse effects.

Aquatic toxicity: No quantitative data available.

Remark:

- ✓ Do not allow to enter waters, waste water, or soil.
- ✓ Do not contaminate ponds, waterways or ditches with chemical or used container.
- ✓ If recycling is not practicable, dispose of in compliance with local regulations.

Additional ecological information: Marine Pollutant.

Ecotoxicity : Not available.

BOD5 and COD : Not available.

13. Disposal Considerations

Waste Disposal:

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

14. UN number

ADR/RID: 2052

IMDG: 2052

IATA: 2052

UN proper shipping name

ADR/RID : DIPENTENE

IMDG : DIPENTENE

IATA : DIPENTENE

Transport Hazard Class

ADR/RID : 3 IMDG : 3 IATA : 3

Packaging Group

ADR/RID : III IMDG : III IATA : III

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Environmental hazards class

ADR/RID : NO IMDG Marine pollutant : yes IATA : No

Special precautions for user

N/A

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

For this product a chemical safety assessment was not carried out

16. Other information

Full text of H-Statements referred to under sections 2 and 3.

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

17. Other Information

Disclaimer:

The information and recommendations contained herein are, to the best of **The Pine Products** knowledge and belief, accurate and reliable as of the date issued. You can contact **The Pine Products** to ensure that this document is the most current available from **The Pine Products**. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted.

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