

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

OIL OF PETITGRAIN Extra Pure MSDS CAS:

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: OIL OF PETITGRAIN Extra Pure

CAS#: Not available.

Chemical Name: OIL OF PETITGRAIN Extra Pure

Chemical Formula: Not available.

Synonym: Not available.

Brand : OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
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Section 2: Composition and Information on Ingredients

Substance / Preparation: Mixtures

SUBSTANCE NAME	CAS NO.	CONTENTS
Linalyl Acetate	115-95-7	30.0 – 60.0%
Linalool	78-70-6	10.0 - 30.0%
a-terpineol (p-menth-1-en-8-ol)	99-55-5	5.0 - 10.0%
Beta-pinene	127-91-3	1.0 - 5.0%
Geraniol	106-24-1	1.0-5.0%
Geranyl Acetate	105-87-3	1.0-5.0%

Section 2: Composition and Information on Ingredients (Continued)

Limonene	5989-27-5	1.0 – 5.0%
Myrcene (7-methyl-3-methylenoocta-1,6-diene)	123-35-3	1.0 – 5.0%
Alpha-pinene	80-56-8	<1.0%
Terpinolene	586-62-9-5	<1.0%

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : Not classified.

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP):

Physical and Chemical Hazards Flam. Liq. 3 - H226

Human health Skin Irrit. 2 - H315; Eye Dam. 1 - H318; Skin Sens. 1 - H317

Environment Aquatic Acute 2 - H401; Aquatic Chronic 2 - H411.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash ... thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment (see ... on this label).

P332+313 If skin irritation occurs: Get medical advice/attention.
P333+313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P370+378 In case of fire: Use ... for extinction.
P391 Collect spillage.
P403+235 Store in a well-ventilated place. Keep cool.

Section 4: First Aid Measures

Description of first aid measures:

Inhalation: Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

Skin contact: Remove contaminated clothes. Wash affected areas with copious amounts of water.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

Ingestion: Rinse mouth and drink abundant water to dilute substance. Avoid vomiting, risk of aspiration!

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: No additional data available.

Indication of any immediate medical attention and special treatment needed:

General information: No additional data available.

Section 5: Fire and Explosion Data

Extinguishing media: Carbon dioxide, Dry powder or Foam. Cool containers with water.

Special hazards arising from the substance or mixture:

When heated to decomposition, it emits acrid smoke as well as carbon monoxide and carbon dioxide.

Advice for fire-fighters: In the event of fire, combustion gas or dangerous vapours may appear. Generates explosive mixtures with air. Use chemical protection clothing and self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: For personal protection, see section 8.

Environmental precautions : Keep away from sewerage, surface water and groundwater. Do not allow to enter sewerage system.

Methods and material for containment and cleaning up:

Clean up methods : Absorb with inert, non-combustible, inorganic absorbant material, sweep up and remove to an approved disposal container. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

Section 7: Handling and Storage

Precautions for safe handling: Keep away from sources of ignition. The normal safety precautions for handling chemicals should always be observed. Do not eat, drink or smoke in work areas. Immediately change contaminated clothing. Wash hands after working with substance.

Conditions for safe storage, including any incompatibilities: Store in full tight sealed containers in a well ventilated place, away from sources of ignition and heat, at temperature below 20 °C and protected from light.

Section 8: Exposure Controls/Personal Protection

Exposure controls:

Personal protection: Avoid all unnecessary exposure.

- **Respiratory protection:** Ventilation, local exhaust, or breathing protection.
- **Hand protection:** Use suitable protective gloves if risk of skin contact.
- **Eye protection:** Chemical safety goggles are compulsory.

Other Protection: Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeshields and protective clothing.

Occupational Exposure Limits: No data available.

Environmental Exposure Controls : Avoid discharging into drainage water. Only eliminate by authorised companies.

Section 9: Physical and Chemical Properties

Physical state and appearance	: Clear liquid.
Odor	: Characteristic.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Pale yellow to yellow brown.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: Not available.
Flash point	: >66°C
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Relative Density	: 0.882 to 0.893 @ 20°C
Volatility	: Not available.
Refractive Index	: 1.450 to 1.465 @ 20°C
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Insoluble in water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions to avoid: Keep away from ignition sources. Protect from light and air.

Incompatibility with various substances: Strong acids, alkali or oxidizers.

Materials to avoid: Not available.

Special Remarks on Reactivity: Not available.

Section 10: Stability and Reactivity Data (Continued)

Special Remarks on Corrosivity: Not available.

Hazardous decomposition products: In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: There is no toxicological data available on this product.

- **Inhalation:** Based on available data, the classification criteria are not met.
- **Dermal:** Based on available data, the classification criteria are not met.
- **Ingestion:** Based on available data, the classification criteria are not met.

Irritation: Based on available data, the classification criteria are not met.

Corrosion: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity information: Not available.

BOD5 and COD: Not available.

Persistence - degradability: Not available.

Mobility in soil: Mobile.

Bioaccumulative potential: Not available.

Toxicity of the Products of Biodegradation: Not available.

Section 12: Ecological Information (Continued)

Special Remarks on the Products of Biodegradation: Not available.

Results of PBT and vPvB assessment: Not available.

Environmental precautions: Not available.

Section 13: Disposal Considerations

Waste treatment methods: This product and its packaging must be disposed according to local regulations. This product would be burnt (always if it is according with local regulations) and it does not generate ashes.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((r)-p-mentha-1,8-diene).

UN N° : 3082

ADR - Class : 9

Sea transport (IMDG) [English only]

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((r)-p-mentha-1,8-diene).

UN N° : 3082

IMO-IMDG - Class or division : 9

IMO-IMDG - Packing group : III

Section 14: Transport Information (Continued)

Air transport (ICAO-IATA) [English only]

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((r)-p-mentha-1,8-diene).
UN N° : 3082
IATA - Class or division : 9
IATA - Packing group : III

Section 15: Other Regulatory Information

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

Statutory Instruments: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Chemical Safety Assessment: No additional information available.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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