OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

OIL OF VETIVER Extra Pure
MSDS CAS: 8016-96-4

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: OIL OF VETIVER Extra Pure
CAS#: 8016-96-4
Chemical Name: OIL OF VETIVER Extra Pure
Chemical Formula: 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.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

COMPONENT	CAS NO.	CONTENT
Vetyverol	89-88-3	30.0 – 60.0%
Eugenyl Acetate	93-28-7	1.0 – 5.0%

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Section 3: Hazards Identification

Classification (EC 1272/2008):
Physical and Chemical Hazards: **Not classified.**
Human health: **Skin Sens. 1 - H317**
Environment: **Not Classified.**

Other hazards :
PBT or vPvB according to Annex XIII: **No additional data available.**
Adverse physio-chemical properties: **No additional data available.**
Adverse effects on human health: **No additional data available.**

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.**

Ingestion: **Do NOT induce vomiting! Immediately rinse mouth and provide fresh air. Get medical attention.**

Skin Contact: **Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.**

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.**

Most important symptoms and effects, both acute and delayed:

Skin contact: **Irritating to skin.**

Indication of any immediate medical attention and special treatment needed:

General information: **No additional data available.**

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Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media : Water spray, dry powder or carbon dioxide. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture: In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces heavy smoke.

Advice for fire-fighters: Use protective equipment appropriate for surrounding materials.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin. Avoid inhalation of vapours.

Environmental precautions:
Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up:
Absorb spillage with inert, damp, non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Section 7: Handling and Storage

Precautions for safe handling: Provide adequate ventilation. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use.

Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks and open flame. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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Section 8: Exposure Controls/Personal Protection

Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Hand Protection	Chemical resistant gloves (PVC)
Eye Protection	Wear approved safety goggles.
Other Protection	Wear apron or protective clothing in case of contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

Section 9: Physical and Chemical Properties

Physical state and appearance : **Viscous liquid, brown orange to red.**
Odor : **Characteristic.**
Taste : **Not available.**
Molecular Weight : **Not available.**
Color : **Brown Orange to Red.**
pH (1% soln/water) : **Not available.**
Boiling Point : **Not available.**
Melting Point : **Not available.**
Relative Density : **0.960 – 1.012 @ 20°C**
Flash Point (°C) : **100**
Refractive Index : **1.510 - 1.530 @ 20°C**
Critical Temperature : **Not available.**
Specific Gravity : **Not available.**
Vapor Pressure : **Not applicable.**
Vapor Density : **Not available.**
Volatility : **Not available.**
Odor Threshold : **Not available.**
Water/Oil Dist. Coeff. : **Not available.**
Ionicity (in Water) : **Not available.**
Solubility : **Not available.**

Section 10: Stability and Reactivity Data

Stability: **The product is stable.**

Instability Temperature: **Not available.**

Conditions to avoid: **Avoid heat, flames and other sources of ignition.**

Incompatibility with various substances: **Avoid bases, strong acids and oxidising agents.**

Special Remarks on Reactivity: **Not available.**

Special Remarks on Corrosivity: **Not available.**

Hazardous decomposition products: **Not available.**

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: **Acute toxicity - oral**
ATE oral (mg/kg) 26,315.79

• 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.
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.
Other Information: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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Section 12: Ecological Information

Toxicity information: Not established.

BOD5 and COD: Not available.

Persistence - degradability: Not established.

Bioaccumulative potential: Not established.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Results of PBT and vPvB assessment: Not established.

Environmental precautions: Not established.

Section 13: Disposal Considerations

General information: Not established.

Section 14: Transport Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]

General information : Not regulated.

Air transport (ICAO-IATA) [English only]

General information : Not regulated.

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Section 15: Other Regulatory Information

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.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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