

MATERIAL SAFETY DATA SHEET

BEHENYL ALCOHOL 97% (1-Docosanol)

MSDS CAS :- 661-19-8

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: BEHENYL ALCOHOL 97% (1-Docosanol)

CAS#: 661-19-8

C.I. No.: Not available.

Synonym: Not available.

Chemical Name: Not available.

Chemical Formula: C₂₂H₄₆O

Molecular Weight: 326.60 g/mol

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
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Behenyl alcohol	661-19-8	

Section 3: Hazards Identification

Classification of the substance or mixture: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Label elements: Not a hazardous substance or mixture.

Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 4: First Aid Measures

Description of first aid measures:

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact, Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed: No data available.

Section 5: Fire and Explosion Data

Extinguishing media: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: Carbon oxides.

Advice for firefighters: Wear self contained breathing apparatus for firefighting if necessary.

Further information : No data available.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections: For disposal see section 13

Section 7: Handling and Storage

Precautions for safe handling: Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well ventilated place. Storage class (TRGS 510). Non Combustible Solids.

Specific end use(s): Apart from the uses mentioned in section 1.2 no other specific uses are stipulate.

Section 8: Exposure Controls/Personal Protection

Control parameters:

Exposure controls:

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 8: Exposure Controls/Personal Protection (Continued)

Personal protective equipment Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance le (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Do not let product enter drains

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Physical state and Appearance	: White powder
Odour	: Not available
Odour Threshold	: Not available
pH	: Not available
Melting point/freezing point	: 65 -72 °C
Initial boiling point and boiling range	: 180 °C at 0.29 hPa
Flash point	: Not available
Evaporation rate	: Not available
Flammability (solid, gas)	: Not available
Vapour pressure	: Not available

Section 9: Physical and Chemical Properties (Continued)

Vapour density	: Not available
Relative density	: Not available
Water solubility	: 0.001 g/l At 23 °C
Partition coefficient: n-octanol/water	: log Pow: 8.3 at 20 °C
Auto-ignition temperature	: 256 °C
Decomposition temperature	: Not available
Viscosity	: Not available

Section 10: Stability and Reactivity Data

Reactivity: No data available.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: No data available.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions.-
Carbon oxides.

Other decomposition products: No data available.

In the event of fire: See section 5.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: LD50 Oral-Rat-male and female-> 2,000 mg/kg (Behenyl Alcohol).

Section 11: Toxicological Information (Continued)

Skin corrosion/irritation: Skin-Rabbit (Behenyl Alcohol)

Result: No skin irritation (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes-Rabbit (Behenyl Alcohol)

Result: No eye irritation (OECD Test Guideline 405)

Respiratory or skin sensitisation: Not available (Behenyl Alcohol)

Germ cell mutagenicity: *S. typhimurium*

Result: negative

Mutagenicity (micronucleus test) (Behenyl Alcohol)

Mouse-male and female-

Other cell types

Result: negative

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available (Behenyl Alcohol)

Specific target organ toxicity - Single exposure: No data available (Behenyl Alcohol)

Specific target organ toxicity repeated exposure: No data available

Aspiration hazard: No data available (Behenyl Alcohol)

Section 12: Ecological Information

Toxicity: No data available

Persistence and degradability:

Biodegradability: Aerobic-Exposure time 28 d (Behenyl Alcohol)

Result: 37 %-Not readily biodegradable.

(OECD Test Guideline 301B)

Section 12: Ecological Information (Continued)

Bioaccumulative potential: No data available

Mobility in soil: No data available (Behenyl Alcohol)

Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects: No data available

Section 13: Disposal Considerations

Waste treatment methods: Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.

Contaminated packaging: Dispose of as unused product.

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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Maharashtra, INDIA.

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Email: sales@oxfordlabchem.com /
info@oxfordlabchem.com
Web: www.oxfordlabchem.com

Section 15: Other 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.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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