

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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MATERIAL SAFETY DATA SHEET

DODECYL BENZENE

MSDS CAS: 123-01-3

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: DODECYL BENZENE

CAS#: 123-01-3

Synonym: 1-Phenyldodecane

Chemical Name: Di-p-Toluyol-L-Tartaric Acid

Chemical Formula: C₁₈H₃₀

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
Dodecyl Benzene	123-01-3	100

Section 3: Hazards Identification

This substance is not classified as dangerous according to Directive 67/548/EEC.

Section 4: First Aid Measures

If inhaled:

If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact:

Wash off with soap and plenty of water.

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.

Section 5: Fire and Explosion Data

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental Release Measures

Personal precautions:

Avoid breathing vapors, mist or gas.

Section 6: Accidental Release Measures (Continued)

Environmental precautions:

Do not let product enter drains.

Methods for cleaning up:

Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling:

Normal measures for preventive fire protection.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8: Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection:

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

For prolonged or repeated contact use protective gloves.

Eye protection:

Safety glasses.

Hygiene measures:

General industrial hygiene practice.

Section 9: Physical and Chemical Properties

Appearance Form	: Liquid
Colour	: Colourless
Molecular Weight	: 246.43 g/mole
pH	: No data available
Melting point	: 3 °C
Boiling point	: 185 - 188 °C at 20 h Pa 331 °C
Flash point	: 109 °C - closed cup
Ignition temperature	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Density	: 0,856 g/mL at 25 °C
Water solubility	: No data available
Partition coefficient n-octanol/water: log Pow:	8,65

Section 10: Stability and Reactivity Data

Storage stability:

Stable under recommended storage conditions.

Materials to avoid:

Strong oxidizing agents, Nitric acid.

Hazardous decomposition products:

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

Section 11: Toxicological Information

Acute toxicity: No data available.

Irritation and corrosion:

Eyes - rabbit - Mild eye irritation

Section 11: Toxicological Information (Continued)

Sensitisation: No data available.

Chronic exposure

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.

Signs and Symptoms of Exposure:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects:

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

Section 12: Ecological Information

Elimination information (persistence and degradability): No data available.

Ecotoxicity effects:

Toxicity to fish LC50 - *Leuciscus idus melanotus* - 796 mg/l - 48 h

LC0 - *Leuciscus idus melanotus* - 730 mg/l - 48 h

Further information on ecology: No data available.

Section 13: Disposal Considerations

Product:

Observe all federal, state, and local environmental regulations.

Contaminated packaging: Dispose of as unused product.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN N°: 3082
H.I. nr: 90
ADR - Class: 9
Labelling - Transport: 9 : Miscellaneous dangerous substances and articles.
ADR - Group: III

Sea transport (IMDG) [English only]

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN N°: 3082
IMO-IMDG - Class or division: 9 : Miscellaneous dangerous substances and articles.
IMO-IMDG - Packing group: III

Air transport (ICAO-IATA) [English only]

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN N°: 3082
IATA - Class or division: 9 : Miscellaneous dangerous substances and articles.
IATA - Packing group: III

Section 15: Other Regulatory Information

Labelling according to EC Directives

Further information:

The product does not need to be labelled in accordance with EC directives or respective national laws.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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