OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
Navghar, Vasai (East), Palghar - 410210.
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Tel: +91 250 2390032 / 2390989 / 2390990
Email: sales@oxfordlabchem.com /
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

N-BENZYL-TERT-BUTYLAMINE 99%

MSDS CAS: 3378-72-1

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: N-BENZYL-TERT-BUTYLAMINE
CAS#: 3378-72-1
Synonym: N-tert-butylbenzylamine
Chemical Name: Not available.
Chemical Formula: $C_{11}H_{17}N$

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

Composition:

Name	CAS #	% by Weight
N-BENZYL-TERT-BUTYLAMINE	3378-72-1	100

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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 Consult a physician.

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.**

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: **Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge.**

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Section 7: Handling and Storage (Continued)

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	**: Clear Liquid**
Colour	**: Light Yellow**
pH	**: No data available**
Molecular Weight	**: 163.26 g/mole**
Melting point	**: No data available**
Boiling point	**: 80 °C at 7 hPa**
Flash point	**: 90 °C - closed cup**
Ignition temperature	**: No data available**
Lower explosion limit	**: No data available**
Upper explosion limit	**: No data available**
Density	**: 0,881 g/mL at 25 °C**
Water solubility	**: No data available**

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Section 10: Stability and Reactivity Data

Chemical stability: **Stable under recommended storage conditions.**

Conditions to avoid: **acids, Acid chlorides, Acid anhydrides, Strong oxidizing agents, Carbon dioxide (CO2)**

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx).

Section 11: Toxicological Information

Acute toxicity: **No data available**

Skin corrosion/irritation: **No data available**

Sensitization: **No data available**

Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified asprobable, 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: **No data available**

Further information on ecology: **No data available**

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Section 13: Disposal Considerations

Product: **This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.**

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.**

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.**

Section 16 - Additional Information

References: **Not available.**

Other Special Considerations: **Not available.**

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