

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.
Maharashtra, INDIA.

Tel: +91 250 2390032 / 2390989 / 2390990
Email: sales@oxfordlabchem.com /
info@oxfordlabchem.com
Web: www.oxfordlabchem.com

Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

CAPSO BUFFER 99%

(For Biochemistry)

[3-(Cyclohexylamino)-2-Hydroxypropane Sulphonic Acid]

MSDS CAS: 73463-39-5

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: CAPSO BUFFER

CAS#: 73463-39-5

Synonym: CAPSO Free Acid 3-(Cyclohexylamino)-2-hydroxy-1-propanesulfonic acid

Chemical Name:

Chemical Formula: : C₉H₁₉NO₄S

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	Hazardous
CAPSO BUFFER	73463-39-5	99 - 100%	NO

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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.

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 dust formation.

Environmental precautions:

Do not let product enter drains.

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Section 6: Accidental Release Measures (Continued)

Methods for cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling:

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection:

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. 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	: Crystalline
Colour	: White.
pH	: 2,5 - 4,0
Molecular Weight	: 237.32 g/mol.
Melting point	: 270 - 274 °C
Boiling point	: No data available.
Flash point	: No data available.
Ignition temperature	: No data available.
Lower explosion limit	: No data available.
Upper explosion limit	: No data available.
Water solubility	: No data available.

Section 10: Stability and Reactivity Data

Storage stability:

Stable under recommended storage conditions.

Materials to avoid:

Strong oxidizing agents.

Hazardous decomposition products:

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

Section 11: Toxicological Information

Acute toxicity : No data available.

Irritation and corrosion : No data available.

Sensitisation : No data available.

Section 11: Toxicological Information (Continued)

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.

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.

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)

General information : Not regulated.

Sea transport (IMDG) [English only]

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Section 14: Transport Information (Continued)

General information : Not regulated.

Air transport (ICAO-IATA) [English only]

General information : Not regulated.

Section 15: Other Regulatory Information

Labelling according to EC Directives

Caution - substance not yet tested completely.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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