

MATERIAL SAFETY DATA SHEET

BIS-CYCLOHEXANONE OXALYL DIHYDRAZIDE 99% AR

MSDS CAS :- 370-81-0

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: BIS-CYCLOHEXANONE OXALYL DIHYDRAZIDE 99% AR

CAS#: 370-81-0

C.I. No.: Not available.

Synonym: Not available.

Chemical Name: Not available.

Chemical Formula: C₁₄H₂₂N₄O₂

Molecular Weight: 278.35

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
BIS-CYCLOHEXANONE OXALYL DIHYDRAZIDE	370-81-0	90-100 %

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 dust formation.

Environmental precautions: Do not let product enter drains.

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. Recommended storage temperature: 2 - 8 °C.

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

Information on basic physical and chemical properties:

Physical state and Appearance	: White powder
pH	: Not available
Melting point	: 210 - 214 °C
Boiling point	: Not available
Flash point	: Not available
Ignition temperature	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Water solubility	: Not available

Section 10: Stability and Reactivity Data

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents, Strong bases.

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

Section 11: Toxicological Information

Acute toxicity: No data available

Irritation and corrosion: No data available

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.

Genotoxicity in vivo - rat - Oral

Cytogenetic analysis

Reproductive toxicity: Mouse - Oral

Effects on Newborn: Stillbirth.

Reproductive toxicity : Mouse - Oral

Effects on Newborn: Live birth index (# fetuses per litter; measured after birth).

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.

Additional Information: RTECS: R02520000

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]

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.

Disclaimer:

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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