

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

BRADY'S REAGENT MSDS CAS:

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: BRADY'S REAGENT

CAS#:

C.I. No.: Not available.

Synonym: Not available.

Chemical Name: Not available.

Chemical Formula: Not available.

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
METHANOL EXTRA PURE	67-56-1	70 - 75
2,4-DINITROPHENYL HYDRAZINE 98%	50-00-0	> 15 < 25 %
SULPHURIC ACID 98% EXTRA PURE	7664-93-9	5 -8

Section 3: Hazards Identification

Classification of the substance or mixture:

Classification according to Regulation (EC)No. 1272/2008 [CLP]:

Classification:

Flammable liquids, H225

Category 2

Acute toxicity (oral), H301

Category 3

Acute Toxicity (dermal), H311

Category 3

H311

Acute Toxicity (inhalation:gas) H331

Category 3

Skin corrosion/irritation, H315

Category 2

Serious eye damage/eye irritation, H319

Category 2

Specific target organ toxicity — single exposure, H370

Category 1

Section 4: First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Skin Contact: Get medical advice. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing.

Serious Skin Contact: Not available.

Inhalation: Immediately call a POISON CENTER or doctor. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. **Serious**

Inhalation: Not available.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor. Call a POISON CENTER or doctor if you feel unwell.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazards arising from the substance or mixture

Fire hazard: Highly flammable liquid and vapour.

Explosion hazard: May form flammable/explosive vapour-air mixture.

Advice for fire-fighters:

No data available.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

For emergency responders: Equip cleanup crew with proper protection.
Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

Environmental precautions:

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up:

Clean up methods: On land, sweep or shovel into suitable containers.

Section 7: Handling and Storage

Precautions: No naked lights. No smoking. Use only non-sparking tools. Do not breathe vapours.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.

Special precautions : Avoid breathing dust, fume, gas, mist, vapours, spray.

Storage: Keep in fireproof place. Keep container tightly closed.

Incompatible materials: Heat sources.

Section 8: Exposure Controls/Personal Protection

Personal protection: Avoid all unnecessary exposure.

- **Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.
- **Hand protection:** Wear protective gloves.
- **Eye protection:** Chemical goggles or safety glasses.
- **Others:** When using, do not eat, drink or smoke.

Occupational Exposure Limits: No data available

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor	: Characteristic.
Taste	: Not available.
Molecular Weight	: Not applicable.
Color	: Orange to red.
pH (1% soln/water)	: Not applicable.
Boiling Point	: 64.7 °C.
Melting Point	: -98 °C.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: 96.5 at 20°C.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Not available.

Section 10: Stability and Reactivity Data

Chemical Stability: Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

Instability Temperature: Not available.

Conditions to avoid: Heat, open flame.

Materials to avoid: Not available.

Hazardous decomposition products: May release flammable gases.

Section 11: Toxicological Information

Acute toxicity: Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation: gas: Toxic if inhaled.
Skin corrosion/irritation: Causes Skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Not Classified.
Germ cell mutagenicity: Not Classified.
Carcinogenicity: Not classified.
Reproductive toxicity: Not classified.
Specific target organ toxicity (single exposure): Causes damage to organs.

Section 12: Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Persistence – degradability : Not available.
Bioaccumulative potential : Not established.
Mobility in soil : Not established.
Results of PBT and vPvB assessment : Not available.
Environmental precautions : Not available.
Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : METHANOL

UN N° : 1230

ADR - Class : 3 (6.1)

Section 14: Transport Information (Continued)

Sea transport (IMDG) [English only]

Proper shipping name : METHANOL
UN N° : 1230
IMO-IMDG - Class or division : 3 (6.1)
IMO-IMDG - Packing group : II

Air transport (ICAO-IATA) [English only]

Proper shipping name : METHANOL
UN N° : 1230
IATA - Class or division : 3 (6.1)
IATA - Packing group : II

Section 15: Other Regulatory Information

EU-Regulations:

Contains no substances with Annex XVII restrictions
Contains No REACH Candidate substance
Contains No REACH Annex XIV substances.

Germany:

VwVwS Annex reference: Water hazard class (WGK) 3, strongly Hazardous to water (Classification according to VwVwS, Annex 4).

2th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance).

Denmark:

Class for fire hazard: Class I-1

Store unit- 1 liter

Classification remarks: F <Flam. Liq. 2>; Emergency management guidelines for the storage of flammable liquids must be followed. Recommendations Danish Regulation: Young people below the age of 18 Years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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