

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
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Tel: +91 250 2390032 / 2390989 / 2390990

Email: sales@oxfordlabchem.com /

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Range of  
Laboratory Chemicals

## MATERIAL SAFETY DATA SHEET

### ERIOCHROME BLACK T Indicator Solution MSDS CAS:

#### Section 1: Chemical Product and Company Identification

##### Section 1: Chemical Product

**Product Name:** ERIOCHROME BLACK T Indicator Solution

**CAS#:**

**Chemical Name:** ERIOCHROME BLACK T Indicator Solution

**Chemical Formula:**

**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
Methanol	67-56-1	>=90-<=100%
Hydroxylamine hydrochloride	5470-11-1	>=0.25-<1%

**Toxicological Data on Ingredients:** Not available.

## Section 3: Hazards Identification

### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Flammable liquids

(Category 2), H225

Acute toxicity, Oral (Category 3), H301

Acute toxicity, Inhalation (Category 3), H331

Acute toxicity, Dermal (Category 3), H311

Specific target organ toxicity -single exposure (Category 1), H370

Chronic aquatic toxicity (Category2), H411

**Other hazards:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## Section 4: First Aid Measures

**Eye Contact:** Flush eyes with water as a precaution.

**Skin Contact:** Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**Serious Skin Contact:** Not available.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Serious Inhalation:** Not available.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Serious Ingestion:** Not available.

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## Section 5: Fire and Explosion Data

**Extinguishing media:** Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Carbon oxides

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Further information:** Use water spray to cool unopened containers.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up:** Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

## Section 7: Handling and Storage

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Avoid exposure - obtain special instructions before use.

**Conditions for safe storage, including any incompatibilities:** 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. Light sensitive. Moisture sensitive. Handle and store under inert gas. Storage class (TRGS 510): Flammable liquids

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## Section 8: Exposure Controls/Personal Protection

### Control parameters:

**Exposure controls: Appropriate engineering controls:** Avoid contact with skin, eyes and clothing.  
**Wash hands before breaks and immediately after handling the product.**

### Personal protective equipment:

**Eye/face protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387) respirator cartridges as a backup to enginee protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Section 9: Physical and Chemical Properties

<b>Physical state and appearance</b>	: Liquid.
<b>Odor</b>	: Not available.
<b>Taste</b>	: Not available.
<b>Molecular Weight</b>	: Not available.
<b>Color</b>	: Colorless.
<b>pH (1% soln/water)</b>	: Not available.
<b>Boiling Point</b>	: Not available.
<b>Melting Point</b>	: Not available.
<b>Critical Temperature</b>	: Not available.
<b>Specific Gravity</b>	: Not available.
<b>Vapor Pressure</b>	: 1 Not available.
<b>Vapor Density</b>	: Not available.
<b>Volatility</b>	: Not available.
<b>Odor Threshold</b>	: Not available.

## Section 9: Physical and Chemical Properties (Continued)

**Water/Oil Dist. Coeff.** : Not available.

**Ionicity (in Water)** : Not available.

**Dispersion Properties** : Not available.

**Solubility** : Not available.

## Section 10: Stability and Reactivity Data

**Stability** : Stable under recommended storage conditions.

**Instability Temperature** : Not available.

**Conditions to avoid** : Heat, flames and sparks.

**Incompatible materials** : Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali  
metals, Reducing agents, Acids

**Corrosivity** : Not available.

**Special Remarks on Reactivity** : Not available.

**Special Remarks on Corrosivity** : Not available.

**Polymerization** : Will not occur.

## Section 11: Toxicological Information

**Information on toxicological effects:**

**Acute toxicity:** No data available.

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

**Serious eye damage/eye irritation:** No data available.

**Respiratory or skin sensitization:** No data available.

**Carcinogenicity 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.

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## Section 12: Ecological Information

### **Toxicity**

**Toxicity to fish:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Results of PBT and vPvB assessment:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Other adverse effects:** toxic to aquatic life with long lasting effects.

## Section 13: Disposal Considerations

**Product:** Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

**packaging:** Dispose of as unused product.

## Section 14: Transport Information

### Land transport (ADR-RID)

**Proper shipping name :** METHANOL,SOLUTION

**UN N°** : 1230

**ADR - Class** : 3 (6.1)

### Sea transport (IMDG) [English only]

**Proper shipping name** : METHANOL,SOLUTION

**UN N°** : 1230

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**IMO-IMDG - Class or division : 3 (6.1)**

**IMO-IMDG - Packing group : II**

## Section 14: Transport Information (Continued)

### Air transport (ICAO-IATA) [English only]

**Proper shipping name : METHANOL,SOLUTION**

**UN N° : 1230**

**IATA - Class or division : 3 (6.1)**

**IATA - Packing group : II**

## Section 15: Other Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.**

**Chemical safety assessment**

**For this product a chemical safety assessment was not carried out.**

## Section 16 - Additional Information

**References: Not available.**

**Other Special Considerations: Not available.**

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