

# 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  
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## **MATERIAL SAFETY DATA SHEET**

### **SAFRANINE 0.5% W/V SOLUTION (Counterstain)** **MSDS CAS:**

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

##### **Section 1: Chemical Product**

**Product Name:** SAFRANINE 0.5% W/V SOLUTION (Counterstain)

**CAS#:** Not available.

**Chemical Name:** SAFRANINE 0.5% W/V SOLUTION (Counterstain)

**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  
**Tel/Fax:** 91-250-2390032

#### **Section 2: Composition and Information on Ingredients**

Name	Cas no.	Concentration
Safranin O	477-73-6	0.5%
HYFLOWSUPERCEL		1.6%
WATER AR	7732-18-5	97.9%

## Section 3: Hazards Identification

**Classification of the substance or mixture**

**Classification EC 67/548 or EC 1999/45**

**Classification** : No data available.

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**

No data available.

**Other hazards** : No data available.

## Section 4: First Aid Measures

### Description of first aid measures:

**Inhalation:** In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician.

**Skin contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

**Eye contact:** In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

**Ingestion:** In case of swallowing, wash out mouth with water provided person is conscious.

## Section 5: Fire and Explosion Data

### Extinguishing media:

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

**Unsuitable extinguishing media** : Not available.

**Surrounding fires** : Not available.

### Special hazards arising from the substance or mixture:

**Hazardous combustion products** : Not available.

## Section 5: Fire and Explosion Data (Continued)

### Advice for fire-fighters:

**Protection against fire**  
including respiratory protection.

: Do not enter fire area without proper protective equipment,

**Special procedures**  
fire-fighting water to enter environment.

: Exercise caution when fighting any chemical fire. Avoid (reject)

## Section 6: Accidental Release Measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## Section 7: Handling and Storage

### Precautions for safe handling

**Handling :** Wear appropriate NIOSH/MSHA-approved respiratory, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

**Conditions for safe storage, including any incompatibilities:**

**Storage :** Store below 30 degree celcius.

## Section 8: Exposure Controls/Personal Protection

Wear appropriate NIOSH/MSHA-approved respiratory, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

## Section 9: Physical and Chemical Properties

Physical state and appearance	: Liquid.
Odor	: Not available.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Dark red solution.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
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

**Stability:** The product is stable under normal storage condition. Product loses its potency/performance above 45 degree C.

**Conditions to avoid:** Heat and light.

**Incompatibility with various substances:** Not available.

**Materials to avoid:** Not available.

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

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

**Hazardous decomposition products:** Not available.

**Polymerization:** Will not occur.

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**Oxford**  
Range of  
Laboratory Chemicals

## Section 11: Toxicological Information

**Acute Effects :** May be harmful if swallowed.

**Exposure can cause :** Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

**RTECS No.:** SG 1623000

**KQ 6300000**

For complete information RTECS may be referred.

## Section 12: Ecological Information

**Toxicity information:** Not established.

**BOD5 and COD:** Not available.

**Persistence - degradability:** Not available.

**Bioaccumulative potential:** Not established.

**Toxicity of the Products of Biodegradation:** Not available.

**Special Remarks on the Products of Biodegradation:** Not available.

**Results of PBT and vPvB assessment:** Not available.

**Environmental precautions:** Not available.

## Section 13: Disposal Considerations

**Waste Disposal:** On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose of waste in accordance with all applicable Federal, State and local laws.

## 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

**Risk Phrases:** Irritating to eyes, respiratory system and skin

**Risk Phrases:** Highly flammable

**Safety Phrases :** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**Safety Phrases :** Wear suitable protective clothing

**Safety Phrases :** Keep container tightly closed.

**Safety Phrases :** Keep away from sources of ignition - No smoking.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

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