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
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Oxford
Range of
Laboratory Chemicals

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 gm
Ethyl alcohol 95%	64-17-5	100 ml

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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: n 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.

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Section 5: Fire and Explosion Data (Continued)

Advice for fire-fighters:

Protection against fire : **Do not enter fire area without proper protective equipment, including respiratory protection.**

Special procedures : **Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.**

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.

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Section 9: Physical and Chemical Properties

Physical state and appearance	**: Liquid.**
Odor	**: Not available.**
Taste	**: Not available.**
Molecular Weight	**: Not available.**
Color	**: Red.**
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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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.

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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, respiratroy 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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