

# 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.  
Maharashtra, INDIA.

Tel: +91 250 2390032 / 2390989 / 2390990

Email: sales@oxfordlabchem.com /  
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Range of  
Laboratory Chemicals

## MATERIAL SAFETY DATA SHEET

### DIETHYL SAFRANINE (C.I.NO. 50206) MSDS CAS: 81-93-6

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

##### Section 1: Chemical Product

Product Name: DIETHYL SAFRANINE (C.I.NO. 50206)

CAS#: 81-93-6

Chemical Name: DIETHYL SAFRANINE (C.I.NO. 50206)

Chemical Formula: C<sub>12</sub>H<sub>20</sub>O<sub>4</sub>Sn

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
DIETHYL SAFRANINE	81-93-6	100 %

Toxicological Data on Ingredients: Not available.

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## Section 3: Hazards Identification

Not available.

## Section 4: First Aid Measures

**Eye Contact:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

**Skin Contact:** In case of contact, immediately wash skin with soap and copious amounts of water.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**Serious Inhalation:** Not available.

**Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Serious Ingestion:** Not available.

## Section 5: Fire and Explosion Data

**Extinguishing media Suitable extinguishing media:** Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Special hazards:** Emits toxic fumes under fire conditions.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental Release Measures

**PROCEDURE(S) OF PERSONAL PRECAUTION(S):**

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

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## Section 6: Accidental Release Measures (Continued)

### METHODS FOR CLEANING UP

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

**HANDLING: Directions for Safe Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**STORAGE: Conditions of Storage:** Keep tightly closed. Store in a cool dry place.

## Section 8: Exposure Controls/Personal Protection

### ENGINEERING CONTROLS:

Safety shower and eye bath. Mechanical exhaust required.

### GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Wash contaminated clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT:

**Respiratory Protection:** Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

**Hand Protection:** Compatible chemical-resistant gloves.

**Eye Protection:** Chemical safety goggles.

## Section 9: Physical and Chemical Properties

Physical state and appearance : Not available.

Odor : Not available.

Taste : Not available.

Molecular Weight : Not available.

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

<b>Color</b>	: Not available.
<b>pH (1% soln/water)</b>	: Not available.
<b>Boiling Point</b>	: Not available.
<b>Melting Point</b>	: 285 °C
<b>Critical Temperature</b>	: Not available.
<b>Specific Gravity</b>	: Not available.
<b>Vapor Pressure</b>	: Not available.
<b>Vapor Density</b>	: Not available.
<b>Volatility</b>	: Not available.
<b>Odor Threshold</b>	: Not available.
<b>Water/Oil Dist. Coeff.</b>	: Not available.
<b>Ionicity (in Water)</b>	: Not available.
<b>Dispersion Properties</b>	: Not available.
<b>Solubility</b>	: Not available.

## Section 10: Stability and Reactivity Data

### STABILITY:

**Materials to Avoid:** Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS:

**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide,

Nitrogen oxides, Hydrogen chloride gas.

## Section 11: Toxicological Information

### SIGNS AND SYMPTOMS OF EXPOSURE:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### ROUTE OF EXPOSURE:

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

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## Section 12: Ecological Information

**Multiple Routes:** May be harmful by inhalation, ingestion, or skin absorption.

No data available.

## Section 13: Disposal Considerations

### SUBSTANCE DISPOSAL:

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## 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

**Caution:** Substance not yet fully tested (EU).

### COUNTRY SPECIFIC INFORMATION

Germany

WGK: 3

Self-Classification

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## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

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