

# 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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## MATERIAL SAFETY DATA SHEET

### CARBOL FUCHSIN STAINING SOLUTION (Dilute) (Ziehl Neelsen)

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

##### Section 1: Chemical Product

**Product Name:** CARBOL FUCHSIN STAINING SOLUTION (dilute)

**CAS#:**

**Synonym:**

**Chemical Name:** Not available.

**Chemical Formula:** Not applicable.

**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
C.I. Basic Red 9	569-61-9	> 0.01 < 1 %
Phenol	108-95-2	> 0.01 < 1 %
Ethyl alcohol	64-17-5	> 0.01 < 1 %
Water	7732-18-5	> 99 %

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

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**Oxford**  
Range of  
Laboratory Chemicals

## Section 3: Hazards Identification

**Classification of the substance or mixture**

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

**Classification:** Xi; R36/38

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

**Not classified.**

**Other hazards :** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## Section 4: First Aid Measures

**Eye Contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

**Skin Contact:**

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Specific treatment (see on this label). Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor.

**Serious Skin Contact:** Not available.

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

**Serious Inhalation:** Not available.

**Ingestion:**

Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting. 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.

**Surrounding fires:** Use water spray or fog for cooling exposed containers.

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

**Hazardous combustion products:** Under fire conditions, hazardous fumes will be present.

**Thermal decomposition generates:** Corrosive vapours.

### 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

### Personal precautions, protective equipment and emergency procedures

**For emergency responders:** Equip cleanup crew with proper protection.

Ventilate area.

Avoid breathing dust, fume, gas, mist, vapours, spray.

**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:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

## Section 7: Handling and Storage

### Precautions:

Do not breathe dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapours, spray. Do not eat, drink or smoke when using this product. Do not breathe dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling. Wash contaminated clothing before reuse. Provide good ventilation in process area to prevent formation of vapour.

### Storage:

Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Comply with applicable regulations. Strong bases. Strong acids. Sources of ignition. Direct sunlight.

## Section 8: Exposure Controls/Personal Protection

### **Exposure controls:**

**Personal protection:** Avoid all unnecessary exposure.

- **Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
- **Hand protection:** Wear protective gloves.
- **Skin protection:** Wear suitable protective clothing.
- **Eye protection:** Chemical goggles or face shield.
- **Others:** When using, do not eat, drink or smoke.

### **Control parameters:**

**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** : Colorless.

**pH (1% soln/water)** : Not available.

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

<b>Boiling Point</b>	<b>: 78.5°C.</b>
<b>Melting Point</b>	<b>: -114.1°C</b>
<b>Critical Temperature</b>	<b>: Not available.</b>
<b>Specific Gravity</b>	<b>: Not available.</b>
<b>Vapor Pressure</b>	<b>: Not available.</b>
<b>Vapor Density</b>	<b>: 1.59</b>
<b>Volatility</b>	<b>: Not available.</b>
<b>Odor Threshold</b>	<b>: Not available.</b>
<b>Water/Oil Dist. Coeff.</b>	<b>: Not available.</b>
<b>Ionicity (in Water)</b>	<b>: Not available.</b>
<b>Dispersion Properties</b>	<b>: Not available.</b>
<b>Solubility</b>	<b>: Not available.</b>

## Section 10: Stability and Reactivity Data

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions to avoid :** Direct sunlight. Extremely high or low temperatures.

**Materials to avoid:** Strong acids. Strong bases.

**Corrosivity:** Non-corrosive in presence of glass.

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

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

**Polymerization:** No.

**Hazardous decomposition products:** Fumes. Carbon monoxide. Carbon dioxide.  
Thermal decomposition generates : Corrosive vapours.

## Section 11: Toxicological Information

### Information on toxicological effects:

**Toxicity information:** The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

### Acute toxicity

- **Inhalation:** Harmful if inhaled.
- **Dermal:** Harmful in contact with skin.
- **Ingestion:** Harmful if swallowed.

**Corrosion:** Causes severe skin burns and eye damage.

**Irritation:** Based on available data, the classification criteria are not met.

**Sensitization:** Based on available data, the classification criteria are not met.

**Mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Toxic for reproduction:** Based on available data, the classification criteria are not met.

**STOT-single exposure:** Causes damage to organ.

Causes damage to organ.

**STOT-repeated exposure** : Based on available data, the classification criteria are not met.

**Aspiration hazard** : Based on available data, the classification criteria are not met.

## Section 12: Ecological Information

**Toxicity information:** The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

**BOD5 and COD:** Not available.

### **Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products

**Persistence – degradability:** Biodegradable.

**Results of PBT and vPvB assessment:** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

**Environmental precautions:** Avoid release to the environment.

## Section 13: Disposal Considerations

Waste Disposal :

## Section 14: Transport Information

**Proper shipping name:** FLAMMABLE LIQUID, CORROSIVE, N.O.S.

**UN N°:** 2924

**H.I. nr:** 38

**ADR - Class:** 3

**Labelling - Transport:** 3 : Flammable liquid. 8 : Corrosive substance.

**ADR - Group:** III

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

**Proper shipping name:** FLAMMABLE LIQUID, CORROSIVE, N.O.S.

**UN N°:** 2924

**IMO-IMDG - Class:** 3

**IMO-IMDG - Packing group:** III

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

**Proper shipping name:** FLAMMABLE LIQUID, CORROSIVE, N.O.S.

**UN N°:** 2924

**IATA - Class or division:** Class: 3

**IATA - Packing group:** III

## Section 15: Other Regulatory Information

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

**Safety, health and environmental** : Ensure all national/local regulations are observed.  
regulations/legislation specific for the substance or mixture.

**REACH Restrictions - Annex XVII** : With the exception of those listed below:  
The components of this product are not subject to restrictions.  
• C.I. Basic Red 9 : Annex XVII

**REACH Authorisation - Annex XIV** : The components of this product are not subject to  
authorization.

**Chemical Safety Assessment** : It has not been carried out.

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## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### *Disclaimer:*

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