

## MATERIAL SAFETY DATA SHEET

### COTTON BLUE LACTOPHENOL SOLUTION MSDS CAS:

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

##### Section 1: Chemical Product

**Product Name:** COTTON BLUE LACTOPHENOL SOLUTION

**CAS#:**

**Synonym:** Lactophenol Cotton Blue Solution

**Chemical Name:** Not Applicable.

**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	Hazardous
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## Section 3: Hazards Identification

### Risk advice to man and the environment:

Toxic by inhalation, in contact with skin and if swallowed. Causes burns. Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. Possible risk of irreversible effects.

## Section 4: First Aid Measures

### General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

### If inhaled:

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

### In case of skin contact:

Take off contaminated clothing and shoes immediately.

Wash off with soap and plenty of water.

Take victim immediately to hospital. Consult a physician.

### In case of eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

### If swallowed:

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

## Section 5: Fire and Explosion Data

### Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

## Section 6: Accidental Release Measures

### Personal precautions:

Wear respiratory protection.

Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

### Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### Methods for cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

### Handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Storage:

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.

## Section 8: Exposure Controls/Personal Protection

### Personal protective equipment

#### Respiratory protection:

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Hand protection:

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye protection: Tightly fitting safety goggles. Faceshield (8-inch minimum).

## Section 8: Exposure Controls/Personal Protection (Continued)

### Skin and body protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

### Hygiene measures:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

## Section 9: Physical and Chemical Properties

Appearance Form	: Powder.
Molecular Weight	: No data available.
pH	: No data available.
Melting point	: No data available.
Boiling point	: No data available.
Flash point	: Not Applicable.
Ignition temperature	: No data available.
Lower explosion limit	: No data available.
Upper explosion limit	: No data available.
Density	: 1,16 g/mL at 20 °C
Water solubility	: No data available.

## Section 10: Stability and Reactivity Data

### Storage stability:

Stable under recommended storage conditions.

## Section 11: Toxicological Information

**Acute toxicity:** No data available.

**Irritation and corrosion:** No data available.

**Sensitisation:** No data available.

**Chronic exposure:**

**IARC:** 3 - Group 3: Not classifiable as to its carcinogenicity to humans ()

**Potential Health Effects:**

**Inhalation** Toxic if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

**Skin** Toxic if absorbed through skin. Causes skin burns.

**Eyes** Causes eye burns.

**Ingestion** Toxic if swallowed. Causes burns.

**Target Organs** Central nervous system, Kidney, Liver, Pancreas, Spleen.

## Section 12: Ecological Information

**Elimination information (persistence and degradability)**

**Ecotoxicity effects**

**Further information on ecology**

## Section 13: Disposal Considerations

**Product:**

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging:**

Dispose of as unused product.

## Section 14: Transport Information

### Land transport (ADR-RID)

Proper shipping name : PHENOL SOLUTION  
UN N° : 2821  
ADR - Class : 6.1  
ADR - Group : II

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

Proper shipping name : PHENOL SOLUTION  
UN N° : 2821  
IMO-IMDG - Class or division: 6.1  
IMO-IMDG - Packing group: II

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

Proper shipping name : PHENOL SOLUTION  
UN N° : 2821  
IATA - Class or division : 6.1  
IATA - Packing group : II

## Section 15: Other Regulatory Information

### Labelling according to EC Directives

#### R-phrase(s):

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

R68 Possible risk of irreversible effects.

#### S-phrase(s):

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazardous components which must be listed on the label:

**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 /  
info@oxfordlabchem.com  
**Web:** www.oxfordlabchem.com

## **Section 16 - Additional Information**

**References:** Not available.

**Other Special Considerations:** Not available.

### ***Disclaimer:***

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