

MATERIAL SAFETY DATA SHEET

BROMOCRESOL PURPLE INDICATOR SOLUTION (0.04% Soln.) MSDS CAS :-

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name:BROMOCRESOL PURPLE INDICATOR SOLUTION (0.04% Soln.)

CAS#:

C.I. No.:Not available.

Chemical Name:Not available.

Chemical Formula:Not available.

Molecular Weight: 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

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Bromocresol purple, sodium salt	62625-30-3	0.4%
Water	7732-18-5	99.6%

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, . Non-corrosive for skin. Non-corrosive to the eyes. Non-corrosive for lungs.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

Serious Skin Contact: Not available.

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

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of static discharge: Not available. Non-explosive in presence of shocks.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard. (Bromocresol purple, sodium salt).

Section 6: Accidental Release Measures

Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions: No specific safety phrase has been found applicable for this product.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection: Safety glasses. Lab coat.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Physical state and Appearance	: Liquid.
Odour	:Not available.
Taste	:Not available.
Molecular Weight	:Not applicable.
Color	:Clear. Red-Orange
pH (1% soln/water)	:Neutral.
Boiling Point	:The lowest known value is 100°C (212°F) (Water)
Melting Point	:Not available.
Critical Temperature	:Not available

Section 9: Physical and Chemical Properties (Continued)

Specific Gravity	:The only known value is 1 (Water = 1) (Water).
Vapor Pressure	:The highest known value is 2.3 kPa (@ 20°C) (Water)
Vapor Density	:The highest known value is 0.62 (Air = 1) (Water).
Volatility	:Not available.
Odor Threshold	:Not available.
Solubility	:Easily soluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability:The product is stable.

Instability Temperature:Not available.

Conditions of Instability:Incompatible materials

Incompatibility with various substances:May be slightly reactive with oxidizing agents.

Corrosivity:Non-corrosive in presence of glass

Special Remarks on Reactivity:Not available.

Special Remarks on Corrosivity:Not available.

Polymerization:Will not occur

Section 11: Toxicological Information

Routes of Entry:Absorbed through skin. Eye contact.

Toxicity to Animals:

LD50: Not available.

LC50:Not available.

Section 11: Toxicological Information (Continued)

Chronic Effects on Humans:Not available.

Other Toxic Effects on Humans:Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals:Not available.

Special Remarks on Chronic Effects on Humans:Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:Skin: May cause skin irritation. Eyes: May cause eye irritation. Ingestion: May cause irritation of the digestive tract. Inhalation: May cause respiratory tract and mucous membrane irritation. The toxicological properties of this substance have not been fully investigated. (Bromocresol purple, sodium salt).

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control 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

Federal and State Regulations:TSCA 8(b) inventory: Water; Bromocresol purple, sodium salt

Other Regulations:OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):Not controlled under WHMIS (Canada).

DSCL (EEC):This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard:0

Reactivity:0

Personal Protection:a

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Section 15: Other Regulatory Information (Continued)

National Fire Protection Association (U.S.A.):

Health:1

Flammability:0

Reactivity:0

Specific hazard:

Protective Equipment: Not applicable. Lab coat. Not applicable. Safety glasses.

Section 16 - Additional Information

References:Not available.

Other Special Considerations:Not available.

Disclaimer:

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