

## 1. Product and Company Identification

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Product Name Bro Methyl Blue Indicator  
Product Type RXSOL-60-6295-125

**Company Details:**  
RX MARINE INTERNATIONAL  
105, A wing , BSEL TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA.

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## 2. Composition / Information on ingredients

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### Composition:

Name	CAS #	% by Weight	EINECS
Bromothymol blue	76-59-5	100	200-971-

Hazard Symbols: None listed.

Risk Phrases: None listed.

## 3. Hazards Identification

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**Caution!** May cause eye, skin, and respiratory tract irritation. The toxicological properties of this material have not been fully investigated.  
**Target Organs:** None.

Appearance

brown crystalline powder.

Eye

May cause eye irritation. This product contains an anionic dye. have not caused injury to the cornea or conjunctiva in documented cases with human or rabbit eyes.

Skin

May cause skin irritation. May be harmful if absorbed through t

Ingestion

May cause gastrointestinal irritation with nausea, vomiting and be harmful if swallowed.

Inhalation

May cause respiratory tract irritation. May be harmful if inhaled

Chronic

Allergic reactions have occurred with similar compounds..

## 4. First Aid Measures

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### Eyes

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

### Skin

In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

### Ingestion

If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.

### Inhalation

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

### Notes to Physician

These symptoms are not necessarily indicative of a chemical reaction.

## 5. Fire-fighting Measures

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**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.

**Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

**Flash Point:** Not applicable.

**Autoignition Temperature:** Not applicable.

**Explosion Limits, Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** (estimated) Health: 1; Flammability: 0; Instability: 0

## 6. Accidental Release Measures

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General Information: The proper personal protective equipment is indicated in Section 8.

Spill/Leak: Vacuum or sweep up material and place into a suitable disposal container.

Clean up spills immediately, observing precautions in the Protective Equipment section.

Avoid generating dusty conditions. Provide ventilation.

## 7. Handling and Storage

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**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation.

Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed.

Avoid ingestion and inhalation.

**Storage:** Store in a cool, dry place. Store in a tightly closed container. Keep containers tightly closed.

8. Exposure controls and personal protection

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Engineering Controls: Facilities mixing or utilizing this material should be equipped with an exhaust facility and a safety shower. Use adequate ventilation to keep airborne concentration low.

Exposure Limits:

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Bromothymol blue	none listed	none listed	none listed

OSHA Vacated PELs: Bromothymol blue. No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respiratory: Respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z98.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respiratory use.

9. Physical and chemical properties

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Physical State: Crystalline powder

Appearance: light pink - purple - brown

Odor: odorless

pH: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Evaporation Rate: Not available

Volatility: Not available

Boiling Point: Not available

Freezing/Melting Point: 230 deg C (446 deg F)

Refractive Index: Not available

Solubility: Sparingly soluble in water

Specific Gravity/Density: Not available

Molecular Weight: 326.07 (C17H14BrN2O3S2)

Molecular Weight: 326.07

10. Stability and reactivity

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**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials, dust generation, excess heat.

**Incompatibilities with Other Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, oxides of sulfur, carbon dioxide, hydrogen bromide.

**Hazardous Polymerization:** Will not occur.

11. Toxicological information

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RTECS No.

CAS# 10-10-5 54745888

LD50: 2.06

Not available

Corrosivity:

CAS# 10-10-5 Not listed by ACCELR, DARC, NTP, or CA Prop 65

Ecotoxicology: No information found

Reproductive Effects: No information found

Mutagenicity: No information found

Neurotoxicity: No information found

Other Studies:

12. Ecological information

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No information available.

13. Disposal considerations

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Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed.

**RCRA U-Series:** None listed.

## 14. Transport information

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	US DOT	Canada TDG	
Shipping Name:	Not Regulated	Not Regulated	
Hazard Class:			
UN Number:			
Packing Group:			

## 15. Regulatory information

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bromothymol blue (CAS: 76-59-5) is found on the following regulatory lists; "Canada Domestic Substances List (DSL)", "Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS (English)", "Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS (French)", "US DOE Temporary Emergency Exposure Limits (TEELs)", "US Toxic Substances Control Act (TSCA) - Inventory.

## 16. Other information

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The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other.

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