



MATERIAL SAFETY DATA SHEET

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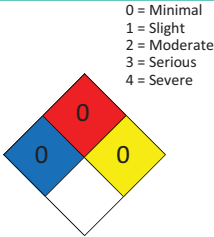
Section 1 Chemical Product and Company Name		
Product	BROMOTHYMOL BLUE, 0.1%	ITEM No: FA-1-18E
Synonyms	Bromothymol blue	
CHEMTREC	24 Hour Emergency Phone Number (800) 424-9300	

Section 2 Composition/Ingredients Information			
Chemical Name	CAS#	%	TLV Units
Water	7732-18-5	99.9%	None established
Bromothymol blue	34722-90-2	0.1%	None established

Section 3 Hazards Identification				
Considered nonhazardous. However all health aspects of this substance have not been thoroughly investigated.		0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe	Health	0
			Flammability	0
			Physical Hazard	0
			Personal Protection	C
			HMIS	

Section 4 First Aid Measures	
INGESTION: Never give anything by mouth to unconscious person. Rinse mouth and get a conscious person drink a glass of milk or water. Get medical attention. INHALATION: Remove to fresh air. Get medical attention if necessary. EYE CONTACT: Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if irritation develops. SKIN CONTACT: Remove contaminated clothing. Flush thoroughly with mild soap and water. Get medical attention if irritation develops.	

Section 5 Fire Fighting Measures	
Nonflammable liquid.	
Extinguishing Media: Use TriClass, dry chemical extinguisher for surrounding fires. Firefighters should use a self-contained breathing apparatus and protective clothing. .	
Flash point: N/A Autoignition temperature: N/A Explosion limits: Lower: N/A	Upper: N/A



Section 6 Accidental Release Measures	
Restrict unprotected personnel from the area. Contain the spill with an inert absorbent material and deposit in a sealed bag or container. For small spill use paper towel. Place the medium in trash. Ventilate and wash spill area with soap and water.	

Section 7 Handling and Storage	
Read the label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Use only under adult supervision. Handling: Use with adequate ventilation. Wash hands thoroughly after handling.	
Storage: Keep container in cool, well-ventilated area.	

Section 8 Exposure Controls/ Personal Protection	
Engineering controls: Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Respiratory protection: Non should be needed if normal laboratory handling at room temperature.	

Section 9 Physical and Chemical Properties	
Physical state: Liquid Appearance: Blue. Odor: none. pH: not available Vapor Pressure (mm Hg): 2.3kPa at 20°C Vapor Density: the highest known is 0.62 Evaporation Rate: 3.1 Viscosity: not available	Boiling point: The lowest know is 100°C Melting point: not available Freezing point: 0°C/32°F Decomposition temp: not available Solubility: Miscible in water. Specific gravity (H₂O = 1): 1 at 20°C Percent volatile (%): not available Molecular formula: Mixture Molecular weight: Mixture

Section 10 Stability and Reactivity	
Chemical Stability: Stable Conditions to Avoid: High temperatures. Incompatibilities: not available. Hazardous decomposition: not available. Hazardous polymerization: Will not occur.	

Section 11 Toxicological Information	
Effects of overexposure: not available . It will stain skin and clothing.	
Acute oral toxicity LD ₅₀ : not available.	
Acute dermal toxicity LD ₅₀ not available.	
Acute vapor toxicity LC ₅₀ : not available	

Section 12 Ecological Information	
Data not available.	

Section 13 Disposal Considerations	
Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.	

Section 14 Transport Information	
UN number: N/A Shipping name: not regulated Hazard Class: N/A Packing group: N/A Exceptions: Ltd Qty. N/A	

Section 15 Regulatory Information	
TSCA-listed	

Section 16 Other Information	
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