

Nasco

IMPORTANT MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL
OSHA requires that this form be kept on file.

Product No. SA 9400 M

Product Name BROMOTHYMOLO BLUE

SOLUTION, 0.04% (AQ)

SECTION I NAME

Chemical Synonyms N/A

Formula Solution

C.A.S. No. See Section II

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Components

Bromothymol Blue CAS# 34722-90-2

% PEL 5 mg/m³ TLV units
(respirable dust) Not Available

SECTION III PHYSICAL DATA

Melting Point (°F)	~0°C	Specific Gravity (H ₂ O=1)	~1
Boiling Point (°F)	~100°C	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (air=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	100%		
Appearance & Odor	Blue Solution, no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A	Flammable Limits in Air % by Volume	Lower N/A	Upper N/A
Extinguisher	Use any medium suitable for extinguishing supporting fire.			
Special Firefighting Procedures				

In the event of a fire, wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Not considered to be a fire hazard. Not considered to be an explosion hazard. In fire may produce toxic fumes of oxides of sulfur.

D.O.T. Not Regulated

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA

Threshold Limit Value

Not available for solution.

Effects of Overexposure

Essentially non-hazardous. May stain skin. May irritate eyes.

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Emergency and First Aid Procedures

Skin: Wash exposed area with soap and water. Get medical attention if irritation develops.
Eyes: Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.
Get medical attention immediately. Inhalation: Not expected to require first aid measures. Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION VI REACTIVITY DATA

Stability	Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>	Conditions to Avoid	None
Incompatibility (Materials to Avoid)	Strong acids and bases, oxidizers.		
Hazardous Decomposition Products	None known.		
Hazardous Polymerization	Conditions to Avoid		
May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	None		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

Dilute with water.

Waste Disposal Method

Discharge, incineration, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in accordance with applicable Federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection None needed.

Ventilation	Local Exhaust	X	Special	
	Mechanical (General)	X	Other	

Protective gloves	Appropriate chemical resistant gloves		Eye Protection	Goggles
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Other Protective Equipment Apron

SECTION IX SPECIAL PRECAUTIONS

Precautions for Safe Handling & Storage

Keep container tightly closed when not in use.

See Section VI. Keep container tightly closed when not in use.

Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals.

Read label on container before using.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Approved by Steven C. Quarant

Effective Date

3/31/2004

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