

SECTION 1 IDENTIFICATION	
Product Number	020-5567
Product Name	Bromothymol Blue 0.04% w/v Aqueous
Trade /Chemical Synonyms	
Formula	Not Applicable
RTECS	None
C.A.S. #	See below
Health:	1
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA = Not Applicable NE = Not Established	

SECTION 7 HANDLING AND STORAGE
Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory Protection:	None required
Ventilation:	Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/>
Protective Gloves:	Gloves to prevent exposure
Eye Protection:	Splash Goggles
Other Protective Equipment:	Use safe laboratory handling procedures.

SECTION 2 MIXTURE COMPONENTS					
Sara 313	Component	CAS Number	%	Dim.	Exposure Limits:
<input type="checkbox"/>	Bromothymol Blue	CAS# 76-59-5	0.04%	W/V	None established
<input checked="" type="checkbox"/>	Sodium Hydroxide	CAS# 1310-73-2	<0.1%	V/V	OSHA PEL 2 mg/m ³ ACGIH 2mg
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SECTION 4 FIRST AID MEASURES
FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES
Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards: None
Fire Fighting Procedure:
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES
Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES	
Melting Point:	< 5°C
Boiling Point:	> 95°C
Vapor Pressure:	Information not available
Vapor Density:	Information not available
Solubility in Water:	Soluble
Appearance /Odors:	Clear, blue, odorless liquid
Flash Point:	Not applicable
Specific Gravity:	~ 1
Percent Volatile by Volume:	> 99
Evaporation Rate:	1
Evaporation Standard:	Water = 1
Auto Ignition Temp:	Not applicable
Lower Flamm. Limit in Air:	Not applicable
Upper Flamm. Limit in Air:	Not applicable

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
Stability:	Stable
Conditions to Avoid:	Avoid contact with incompatible materials.
Materials to Avoid:	Concentrated Acids and Bases, Water reactive materials.
Hazardous Decomposition Products:	None known
Hazardous polymerization	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 ADDITIONAL INFORMATION	
Conditions aggravated/target organs: Persons with preexisting skin, eye or respiratory conditions may be more susceptible. Acute: Possible skin and eye irritant. Chronic: None known	

DOT Classification:	Not Regulated
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DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

Rev. No: 0 Date Entered: 9/1/2005 Approved: WPF Safety Dir.: WPF