

# MATERIAL SAFETY DATA SHEET

Thymol Blue

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Thymol Blue  
Product Code: T4955  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 7/1/2013  
Print Date: 7/1/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

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 2 HAZARD IDENTIFICATION

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. Keep container closed.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Thymol Blue Sodium Salt	CAS# 81012-93-3	0.04%	W/V	None Established
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

## SECTION 4 FIRST AID MEASURES

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. Keep container closed.

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: If swallowed, induce vomiting immediately after giving two glasses of water. 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 Known.  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

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**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 7 HANDLING AND STORAGE**

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: None required  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: Gloves to prevent exposure  
Eye Protection: Safety Glasses w/  
Side Shields  
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	0° C	Percent Volatile by Volume:	99+%
Boiling Point:	100° C	Evaporation Rate	information not available
Vapor Pressure:	17	Evaporation Standard	Not Applicable
Vapor Density:	0.6	Auto Ignition Temp	Not applicable
Solubility in Water:	complete	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	odorless dark blue liquid	Upper Flamm. Limit in Air	Not applicable
Flash Point:	nonflammable		
Specific Gravity:	1		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: None known  
Materials to Avoid: Concentrated Acids and Bases, Water reactive materials.  
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

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**SECTION 14                    Transport Information**

DOT Classification:                    Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15                    Regulatory Information**

**SECTION 16                    Additional Information**

**WARNING!!** This material can produce toxic fumes under fire conditions. Effects of over exposure:irritation of the eyes,skin and upper respiratory tract. Acute: this material will stain the skin. Ingestion may cause gastrointestinal disturbances. Chronic: none are listed by the manufacturer. Target organs: eyes,skin and upper respiratory tract. Conditions aggravated/target organs. Persons with eye,skin or respiratory conditions may be more susceptible.

Flammability

Health

Reactivity

**Revisions**

**NFPA**

0.1
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