

# FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

BOVA SUPPLY CENTER  
03-15417

MSDS #: 819.00

## Material Safety Data Sheet (MSDS)

Revision Date: April 2, 2001

### Section 1 — Chemical Product and Company Identification

#### Thymol Blue

Flinn Scientific, Inc., P.O. Box 219, Batavia, IL 60510 (800) 452-1261  
CHEMTREC Emergency Phone Number: (800) 424-9300

### Section 2 — Composition, Information on Ingredients

Thymol Blue, sodium salt

CAS#: 62625-21-2

### Section 3 — Hazards Identification

Brown powder. Odorless.  
Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly investigated.

#### FLINN AT-A-GLANCE

Health-0  
Flammability-0  
Reactivity-0  
Exposure-0  
Storage-0

0 is low hazard, 3 is high hazard

### Section 4 — First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.  
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.  
Eye: Immediately flush with fresh water for 15 minutes.  
External: Wash continuously with fresh water for 15 minutes.  
Internal: Give large quantities of water. Call a physician or poison control at once.

### Section 5 — Fire Fighting Measures

Non flammable solid.  
When heated to decomposition, emits toxic fumes of SO<sub>x</sub> and Na<sub>2</sub>O.  
Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

#### NFPA Code

None established

### Section 6 — Accidental Release Measures

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

### Section 7 — Handling and Storage

Flinn Suggested Chemical Storage Pattern: Organic #9. Store with dyes, indicators, and stains.  
Store in a cool, dry place.

### Section 8 — Exposure Controls, Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

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### Section 9 — Physical and Chemical Properties

Brown powder. Odorless.

Melting Point: 283-285 C (dec)

Soluble in alcohol, dilute alkali solutions; insoluble in water.

Formula: C<sub>27</sub>H<sub>29</sub>NaO<sub>5</sub>S

Formula Weight: 488.58

### Section 10 — Stability and Reactivity

Avoid contact with strong oxidizers.

Shelf Life: Indefinite.

### Section 11 — Toxicological Information

Acute effects: N.A.

ORL-RAT LD50: N.A.

Chronic effects: N.A.

IHL-RAT LC50: N.A.

Target organs: N.A.

SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

### Section 12 — Ecological Information

Data not yet available.

### Section 13 — Disposal Considerations

Please consult with state and local regulations.

Flinn Suggested Disposal Method #26a is one option.

### Section 14 — Transport Information

Shipping Name: Not regulated

Hazard Class: N/A

UN Number: N/A

N.A. = Not applicable

### Section 15 — Regulatory Information

Not listed.

### Section 16 — Other Information

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Consult your copy of the *Flinn Scientific Catalog/Reference Manual* for additional information about laboratory chemicals.

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