

# FLINN SCIENTIFIC, INC.

## Material Safety Data Sheet (MSDS)

BOVA SUPPLY CENTER  
02-15532

MSDS #: 135.00

Revision Date: March 7, 2001

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Bromcresol Green Indicator Solution

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

Bromcresol Green (62625-32-5) 0.1%, Ethyl alcohol (64-17-5) 99.9%  
Synonym: Bromocresol Green Indicator Solution  
CAS#: None Established

### SECTION 3 — HAZARDS IDENTIFICATION

A green colored solution with strong alcohol odor.  
Contains ethyl alcohol. Toxic if ingested. Toxic by ingestion and inhalation.  
Flammable liquid. Serious fire risk.

#### FLINN AT-A-GLANCE

Health-2  
Flammability-3  
Reactivity-1  
Exposure-1  
Storage-3

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: Induce vomiting. Call a physician or poison control at once.

### SECTION 5 — FIRE FIGHTING MEASURES

Flammable liquid.  
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. Remove all ignition sources and ventilate area. Contain spill with sand and absorbent material; deposit in sealed bag or container. 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 dedicated flammables cabinet. If a flammables cabinet is not available, store in Flinn Saf-Stor Can.  
Use and dispense in a hood.

### SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.  
Use exhaust ventilation to keep airborne concentrations low.

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

A green colored solution with strong alcohol odor.

Solubility: Soluble in water, alcohol.

Acid/Base indicator: pH 3.8 yellow to 5.4 blue.

**SECTION 10 — STABILITY AND REACTIVITY**

Flammable liquid. Avoid sources of ignition and heat.

Shelf life: Indefinite

**SECTION 11 — TOXICOLOGICAL INFORMATION**

Acute effects: Ethyl alcohol is a poison.

Chronic effects: N.A.

Target organs: N.A.

ORL-RAT LD50: 7060 mg/kg (ethyl alcohol)

IHL-RAT LC50: 20000 ppm/10H (ethyl alcohol)

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 26b is one option.

**SECTION 14 — TRANSPORT INFORMATION**

Shipping Name: Ethyl alcohol

Hazard Class: 3, Flammable liquid

UN Number: UN1170

N/A = Not applicable

**SECTION 15 — REGULATORY INFORMATION**

Not listed.

**SECTION 16 — OTHER INFORMATION**

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