



**Material Safety Data Sheet**  
**Bromcresol green-methyl red, APHA**

### Section 1 - Chemical Product and Company Identification

**MSDS Name:**

Bromcresol green-methyl red, APHA

**Catalog Numbers:**

LC11870

**Synonyms:****Company Identification:**

LabChem, Inc.  
 200 William Pitt Way  
 Pittsburgh, PA 15238

**Company Phone Number:**

(412) 826-5230

**Emergency Phone Number:**

(800) 424-9300

**CHEMTREC Phone Number:**

(800) 424-9300

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	balance
76-60-8	Bromcresol green	0.1
845-10-3	Methyl red, sodium salt	0.1

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

*Appearance: Darkgreen*

*This is expected to be a low hazard for usual industrial handling.*

*Target Organs: Noneknown.*

**Potential Health Effects****Eye:**

Maycausemildeyeirritation.

**Skin:**

Maycausemildskinirritation.

**Ingestion:**

Nohazardisexpectedduringnormaluse.



## Material Safety Data Sheet

### Bromcresol green-methyl red, APHA

**Inhalation:**

No hazard expected during normal use.

**Chronic:**

No information found.

## Section 4 - First Aid Measures

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.

**Skin:**

Get medical aid. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

**Ingestion:**

Get medical aid at once. Give oxygen if respiration is depressed.

**Inhalation:**

Give artificial respiration if necessary. Get medical aid. Keep victim warm, at rest. Move victim to fresh air.

**Notes to Physician:**

Treat symptomatically and supportively.

## Section 5 - Fire Fighting Measures

**General Information:**

Negligible fire and explosion hazard when exposed to heat or flame. No acute hazards. Move container if possible, avoid breathing vapors or dust.

**Extinguishing Media:**

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

**Autoignition Temperature:**

No information found.

**Flash Point:**

No information found.

**NFPA Rating:**

CAS# 7732-18-5: Not published.

CAS# 76-60-8: Not published.

CAS# 845-10-3: Not published.

**Explosion Limits:**

Lower:      Upper:

## Section 6 - Accidental Release Measures

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in plastic bags for later disposal.



# Material Safety Data Sheet

## Bromcresol green-methyl red, APHA

### Section 7 - Handling and Storage

**Handling:**

Wash thoroughly after handling.

**Storage:**

Store capped at room temperature. Protect from heat and water reactive substance (sodium, oleum).

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

Provide general dilution ventilation.

**Exposure Limits**

Chemical Name:	ACGIH	NIOSH	OSHA
Water	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.
Bromcresol green	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.
Methylred, sodium salt	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.

**OSHA Vacated PELs****Personal Protective Equipment****Eyes:**

Do not wear contact lenses when working with chemicals. Wear splash-proof safety goggles.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**

Not required for normal use.

### Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Color:** Dark green

**Odor:** Odorless

**pH:** No information found.

**Vapor Pressure:** 14 mm Hg @ 20°C

**Vapor Density:** 0.7 (water)

**Evaporation Rate:** < ether

**Viscosity:** No information found.

**Boiling Point:** 100°C (212.00°F)

**Freezing/Melting Point:** 0°C (32.00°F)



## Material Safety Data Sheet

### Bromocresol green-methyl red, APHA

**Decomposition Temperature:** No information found.

**Solubility in water:** Soluble.

**Specific Gravity/Density:** 1.0

**Molecular Formula:** No information found.

**Molecular Weight:** No information found.

## Section 10 - Stability and Reactivity

### Chemical Stability:

Stable under normal temperatures and pressures.

### Conditions to Avoid:

Incompatible materials.

### Incompatibilities with Other Materials

None reported.

### Hazardous Decomposition Products

Acrid smoke and fumes.

### Hazardous Polymerization

Has not been reported.

## Section 11 - Toxicological Information

### RTECS:

CAS# 7732-18-5: ZC0110000.

CAS# 76-60-8: SJ7456000.

CAS# 845-10-3 unlisted.

### LD50/LC50:

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg.

CAS# 76-60-8:

No information found. CAS# 845-10-3:

No information found.

### Carcinogenicity:

CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

CAS# 76-60-8: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

CAS# 845-10-3: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

### Epidemiology:

The toxicity of bromocresol green and methyl red sodium salts have not been reported.

### Teratogenicity:

### Reproductive:

### Mutagenicity:

### Neurotoxicity:

## Section 12 - Ecological Information

No information found.



**Material Safety Data Sheet**  
**Bromcresol green-methyl red, APHA**

**Section 13 - Disposal Considerations**

Dispose of in accordance with Federal, State, and local regulations.

**Section 14 - Transport Information**

**US DOT**

**Shipping Name:** Not regulated.

**Hazard Class:**

**UN Number:**

**Packing Group:**

**Section 15 - Regulatory Information**

**US Federal**

**TSCA**

CAS# 7732-18-5 is listed on the TSCA Inventory.

CAS# 76-60-8 is listed on the TSCA Inventory.

CAS# 845-10-3 is listed on the TSCA Inventory.

**SARA Reportable Quantities (RQ)**

None of the components are on this list.

**CERCLA/SARA Section 313**

None of the components are on this list.

**OSHA - Highly Hazardous**

None of the components are on this list.

**US State**

**State Right to Know**

**California Regulations**

**European/International Regulations**

**Canadian DSL/NDSL**

CAS# 7732-18-5 is listed on Canada's DSL List.

CAS# 76-60-8 is listed on Canada's DSL List.

CAS# 845-10-3 is listed on Canada's DSL List.

**Canada Ingredient Disclosure List**

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

CAS# 76-60-8 is not listed on Canada's Ingredient Disclosure List.

CAS# 845-10-3 is not listed on Canada's Ingredient Disclosure List.

**Section 16 - Other Information**

MSDS Creation Date: November 16, 1997



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Revision Date: October 3,2007

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