



## Material Safety Data Sheet Bromocresol Purple, Sodium Salt

### Section 1 - Chemical Product and Company Identification

**MSDS Name:**

Bromocresol Purple, Sodium Salt

**Catalog Numbers:**

LC11885

**Synonyms:**

BCP; Bromocresol Purple, Sodium Salt; 5', 5''-Dibromo-O-Cresolsulfonephthalein, Sodium Salt.

**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
62625-30-3	Bromocresol purple sodium salt	100

### Section 3 - Hazards Identification

#### Emergency Overview

**Appearance:** *Red-brown to black powder***Caution.** May cause eye and skin irritation. May cause respiratory and digestive tract irritation.**Target Organs:** *None.***Potential Health Effects****Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation.

**Ingestion:**

May cause gastrointestinal irritation.

**Inhalation:**

May cause respiratory tract irritation.

**Chronic:**

No information found.



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### Section 4 - First Aid Measures

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:**

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Ingestion:**

Call a poison control center. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.

**Inhalation:**

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:**

Treat symptomatically and supportively.

### Section 5 - Fire Fighting Measures

**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**

Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

**Autoignition Temperature:**

Not applicable.

**Flash Point:**

255°C (491°F)

**NFPA Rating:**

Not available.

**Explosion Limits:**

Lower: n/a      Upper: n/a

### Section 6 - Accidental Release Measures

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.



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### Section 7 - Handling and Storage

**Handling:**

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

**Storage:**

Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Exposure Limits:**

Chemical Name:	ACGIH	NIOSH	OSHA
Bromocresol purple sodium salt	none listed	none listed	none listed

**OSHA Vacated PELs:**

Bromocresol Purple Sodium Salt: No OSHA Vacated PELs are listed for this chemical.

### Personal Protective Equipment

**Eyes:**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:**

Wear appropriate gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### Section 9 - Physical and Chemical Properties

<b>Physical State:</b>	Solid
<b>Color:</b>	Red-brown to black
<b>Odor:</b>	Odorless
<b>pH:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	255°C
<b>Decomposition Temperature:</b>	255°C



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**Solubility in water:** Soluble  
**Specific Gravity/Density:** Not available  
**Molecular Formula:** C<sub>21</sub>H<sub>15</sub>Br<sub>2</sub>O<sub>5</sub>SSNa  
**Molecular Weight:** 562.20

### Section 10 - Stability and Reactivity

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials, dust generation, excess heat, strong oxidants.

**Incompatibilities with Other Materials:**

Oxidizing agents.

**Hazardous Decomposition Products:**

Carbon monoxide, oxides of sulfur, carbon dioxide, hydrogen bromide.

**Hazardous Polymerization:**

Has not been reported.

### Section 11 - Toxicological Information

**RTECS:**

CAS# 62625-30-3: unlisted.

**LD50/LC50:**

Not available.

**Carcinogenicity:**

CAS# 62625-30-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Epidemiology:**

No information found

**Teratogenicity:**

No information found

**Reproductive:**

No information found

**Mutagenicity:**

No information found

**Neurotoxicity:**

No information found

### Section 12 - Ecological Information

No information found

### Section 13 - Disposal Considerations

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



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### Section 14 - Transport Information

#### US DOT

**Shipping Name:** Not regulated  
**Hazard Class:**  
**UN Number:**  
**Packing Group:**

### Section 15 - Regulatory Information

#### US Federal

##### TSCA:

CAS# 62625-30-3 is listed on the TSCA inventory.

##### SARA Reportable Quantities (RQ):

None of the chemicals in this material have an RQ.

##### CERCLA/SARA Section 313:

No chemicals are reportable under Section 313.

##### OSHA - Highly Hazardous:

None of the chemicals in this product are considered highly hazardous by OSHA.

#### US State

##### State Right to Know:

CAS# 62625-30-3 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

##### California Regulations:

None.

#### European/International Regulations

##### Canadian DSL/NDSL:

CAS# 62625-30-3 is listed on Canada's DSL List.

##### Canada Ingredient Disclosure List:

CAS# 62625-30-3 is not listed on the Canadian Ingredient Disclosure List.

### Section 16 - Other Information

MSDS Creation Date: October 24, 2007

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