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; Bromcresol 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**

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name:</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>62625-30-3</td>
<td>Bromocresol purple sodium salt</td>
<td>100</td>
</tr>
</tbody>
</table>

**Section 3 - Hazards Identification**

**Emergency Overview**

*Appearance: Red-brown to black powder*
*Cautions:* 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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>NIOSH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromocresol purple sodium salt</td>
<td>none listed</td>
<td>none listed</td>
<td>none listed</td>
</tr>
</tbody>
</table>

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

Physical State: Solid
Color: Red-brown to black
Odor: Odorless
pH: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate: Not available
Viscosity: Not available
Boiling Point: Not available
Freezing/Melting Point: 255°C
Decomposition Temperature: 255°C
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Solubility in water: Soluble
Specific Gravity/Density: Not available
Molecular Formula: C21H15Br2O5SNa
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
Revision Date: November 12, 2007

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