

# 3-Bromo-2,6-dihydroxybenzoic Acid: sc-209545



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

### Section 1 - General Information

**Chemical Name:**

3-Bromo-2,6-dihydroxybenzoic Acid

**Catalog Number:**

sc-209545

**Supplier:**

Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, CA 95060  
800.457.3801 or 831.457.3800

**Emergency:**

ChemWatch  
Within the US & Canada: 877-715-9305  
Outside the US & Canada: +800 2436 2255  
(1-800-CHEMCALL) or call +613 9573 3112

### Section 2 - Hazardous Ingredients/Identity Information

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Form:**

Solid

**Vapor Pressure:**

N/A

**Specific Gravity(H<sub>2</sub>O=1):**

N/A

**Molecular Formula:**

C<sub>7</sub>H<sub>5</sub>BrO<sub>4</sub>

**Solubility in Water:**

Yes

**Melting Point:**

198–200° C

**Evaporation Rate (ButylAcetate=1):**

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

233.02

### Section 4 - Reactive Data

**Stability:**

Decomposes at high temperatures, store in freezer

**Incompatability (Materials to Avoid):**

Strong oxidizing agents

**Conditions to Avoid:**

Warm temperatures, strong oxidizers

**Hazardous Decomposition or Byproducts:**

toxic fumes of carbon monoxide, carbon dioxide, hydrogen bromide gas

**Hazardous Polymerization:**

Will not occur

### Section 5 - Control Measures

**Respiratory Protection:**

Niosh/Msha approved respirator

**Protective Gloves:**

Chemical resistant gloves

**Other Protective Clothing:**

Lab coat or apron

**Ventilation:**

Hood

**Eye Protection:**

chemical safety goggles

**Other Protection:**

safety shower and eye bath

## ***Section 6 - First Aid Measures***

### **Inhalation:**

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

### **Skin:**

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing.

### **Ingestion:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### **Eyes:**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

## ***Section 7 - Health Hazard Data***

### **Health Hazards (Acute and Chronic):**

#### **ROUTE OF EXPOSURE**

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.

### **Medical Conditions Generally Aggravated by Exposure:**

The toxicological properties have not been thoroughly investigated.

## ***Section 8 - Precautions for Safe Handling and Use***

### **Steps to be Taken in Case Material is Released or Spilled:**

Wear appropriate chemical resistant apparel. Avoid raising dust during clean-up. Ventilate area & wash spill site after pick-up is complete. Place waste in a bag & hold for disposal.

### **Waste Disposal Method:**

Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.

### **Precautions to Be Taken in Handling and Storage:**

Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel.

## ***Section 9 - Fire and Explosion Hazard Data***

### **Extinguishing Media:**

carbon dioxide, dry chemical powder or appropriate foam.

### **Special Fire Fighting Procedures:**

wear self contained breathing apparatus and protective clothing to prevent contact with skins and eyes.

### **Unusual Fire and Explosion Hazards:**

emits toxic fumes under fire conditions

## ***Section 10 - Transportation Information and regulatory information***

***The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.***

03/18/2011