

# 3-Mercaptophenylacetic Acid: sc-206654



*The Power to Question*

## Material Safety Data Sheet

### Section 1 - General Information

**Chemical Name:**

3-Mercaptophenylacetic acid

**CAS Reg. Number:**

63271-86-3

**Catalog Number:**

sc-206654

**Supplier:**

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

### Section 2 - Hazardous Ingredients/Identity Information

Stench use in hood. The toxicological properties have not been tested. Exercise due care.

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

No Data

**Appearance and Odor:**

yellow crystalline solid

**Vapor Pressure:**

No Data

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

No Data

**Solubility in Water:**

Soluble

**Melting Point:**

101-103°C

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

No Data

**Vapor Density:**

No Data

**Molecular Weight:**

168.20

**Molecular Formula:**

C<sub>8</sub>H<sub>8</sub>O<sub>2</sub>S

### Section 4 - Reactive Data

**Stability:**

Good

**Incompatibility (Materials to Avoid):**

strong oxidizing agents

**Conditions to Avoid:**

Strong oxidizing agents

**Hazardous Decomposition or Byproducts:**

Toxic fumes of Hydrogen Sulphide (gas), Carbon Dioxide, Carbon Monoxide

**Hazardous Polymerization:**

will not occur

### Section 5 - Control Measures

**Respiratory Protection:**

Niosh/Msha approved respirator

**Ventilation:**

Hood

**Protective Gloves:**

chemical resistant gloves

**Eye Protection:**

chemical safety goggles

**Other Protective Clothing:**

lab coat or apron

**Other Protection:**

safety shower and eye bath

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

### **Inhalation:**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen in a non-flammable area.

### **Skin:**

In case of contact, immediately wash skin with copious amounts of soap and water for 15 minutes. Wash contaminated clothing before reuse.

### **Ingestion:**

If swallowed, rinse mouth out with water provided the person is conscious. Call a Physician.

### **Eyes:**

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

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

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

Harmful by eye or skin contact, inhalation or ingestion. May cause irritation. ☐ A useful synthetic intermediate for the preparation of novel antiinflammatory agents.

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

No Data

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

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

clean thoroughly, avoiding contact or inhalation. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

### **Waste Disposal Method:**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

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

avoid contact and inhalation. keep tightly closed. store in freezer.

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

### **Extinguishing Media:**

As with most powdered solids this material could become airborn in the case of an explosion. All necessary precautions should be taken to ensure minimal exposure in anticipation of such an event.

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

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

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

Toxic fumes are emitted under fire conditions consisting of carbon monoxide, carbon dioxide, nitrogen oxides, and sulfur dioxide.

## **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.***