

2-Mercaptophenylacetic Acid: sc-209210



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

2-Mercaptophenylacetic Acid

CAS Reg. Number:

39161-85-8

Catalog Number:

sc-209210

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

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:

Orange crystals

Vapor Pressure:

No Data

Specific Gravity(H₂O=1):

No Data

Solubility in Water:

Soluble

Melting Point:

90-92° C

Evaporation Rate (ButylAcetate=1):

No Data

Vapor Density:

No Data

Molecular Weight:

168.20

Molecular Formula:

C₈H₈O₂S

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 airbourn 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.