

Methyl 3-Mercaptobenzoate: sc-211847



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

Methyl 3-Mercaptobenzoate

CAS Reg. Number:

72886-42-1

Catalog Number:

sc-211847

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:

N/A

Form:

liquid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Molecular Formula:

C₈H₈O₂S

Solubility in Water:

Yes

Melting Point:

73-74° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

168.02

Section 4 - Reactive Data

Stability:

Good

Incompatibility (Materials to Avoid):

strong oxidizing agents

Conditions to Avoid:

No Data

Hazardous Decomposition or Byproducts:

Hydrogen Sulphide (gas), Carbon Dioxide, Carbon Monoxide

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 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.

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.

Waste Disposal Method:

wash all materials thoroughly with soap and water.

Precautions to Be Taken in Handling and Storage:

avoid contact and inhalation. keep tightly closed. store in freezer. Store at 4° C.

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

DOT / IATA

No data available.

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.

2/16/2011