

MATERIAL SAFETY DATA SHEET



The Power to Question

4-Hydroxybenzyl Methanethiosulfonate: sc-206894

Section 1 - General Information

Chemical Name:

4-Hydroxybenzyl Methanethiosulfonate

CAS Reg. Number: 491868-12-3

Product Name: 4-Hydroxybenzyl Methanethiosulfonate

Product Number: sc-206894

Company:

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

Emergency Contact:

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

The toxicological properties have not been thoroughly investigated. Exercise due care!

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

White waxy solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

YES

Melting Point:

60-62°C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

hygroscopic and temperature sensitive

Incompatibility (Materials to Avoid):

water, strong oxidizers

Conditions to Avoid:

damp locations high temperatures

Hazardous Decomposition or Byproducts:

toxic fumes of carbon monoxide, carbon dioxide, and sulfur oxides

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:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin:

Rinse with copious amounts of water for 15 minutes. Remove contaminated clothing and shoes.

Ingestion:

Rinse mouth out with water, provided the person is conscious. Seek medical attention.

Eyes:

Flush eyes with copious amounts of water, separating eyelids with fingers.

Section 7 - Health Hazard Data**Health Hazards (Acute and Chronic):**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care. 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.

Medical Conditions Generally Aggravated by Exposure:

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

Section 8 - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled:**

wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method:

Dispose of in accordance with all federal, state and local environmental regulations.

Precautions to Be Taken in Handling and Storage:

Store in a cool, dry and well ventilated area. Keep all containers securely closed when not in use.

Section 9 - Fire and Explosion Hazard Data**Extinguishing Media:**

Water; Carbon dioxide; dry powder; other media - not determined.

Special Fire Fighting Procedures:

Use water spray to cool fire - exposed containers and structures. Use water spray to disperse any vapors; reignition is always a potential. Use self-contained breathing apparatus as described above.

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 Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport. IATA Non-Hazardous for Air Transport: Non-hazardous for air transport.

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.