

3-Mercaptopicolinic Acid, Hydrochloride: sc-206655



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

3-Mercaptopicolinic Acid, Hydrochloride

CAS Reg. Number:

320386-54-7

Catalog Number:

sc-206655

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

The toxicological properties have not been tested. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

Pale beige yellow

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

N/A

Melting Point:

183-184° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizing agents, acids, acid chlorides

Conditions to Avoid:

N/A

Hazardous Decomposition or Byproducts:

Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides

Hazardous Polymerization:

will not occur

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

use in hood

Protective Gloves:

chemical resistant gloves

Eye Protection:

chemical safety goggles

Other Protective Clothing:

lab coat or apron

Other Protection:

N/A

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 min, 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 the eyelids with fingers

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

May be harmful by inhalation, ingestion or skin absorption. may cause irritation. The toxicological properties have not been thoroughly investigated. Possible carcinogen

Medical Conditions Generally Aggravated by Exposure:

A potent inhibitor of gluconeogenesis.

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. NOTE: Static ignition charge may result from handling and use. It is recommended that containers and equipment be electrically bonded and grounded.

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

Water; Carbon dioxide; dry powder or foam

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

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.