

Mebeverine Acid: sc-207844



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name **Mebeverine Acid**

Synonyms **4-[Ethyl[2-(4-methoxyphenyl)-1-methylethyl]amino] Butanoic Acid**

Catalog Nbr **sc-207844**

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

Cas Reg. No **475203-77-1**

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

emergency overview

target organs

smooth muscle.

hmis rating: health: 1, flammability: 0, reactivity: 0

Section 3 - Physical/Chemical Characteristics

Boiling Point **N/A**

Vapor Pressure **N/A**

Vapor Density **N/A**

Solubility in Water **N/A**

Apearance and Odor

Off-White Solid

Specific Gravity(H₂O=1)

N/A

Melting Point

85-87°C

Evaporation Rate (Butyl Acetate=1) **N/A**

Section 4 - Reactive Data

Stability **stable**

Conditions to Avoid **Strong oxidizers**

Hazardous Decomposition or Byproducts **toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides,**

Incompatability (Materials to Avoid)

Strong oxidizing agents

Hazardous Polymerization

will not occur

Section 5 - Control Measures

Respiratory Protection **niosh/msha approved respirator**

Protective Gloves **rubber gloves**

Other Protective Clothing **lab coat/apron**

Ventilation

hood

Eye Protection

safety goggles

Other Protection

safety eye wash

Section 6 - First Aid Measures

Inhalation **if inhaled, remove to fresh air. if breathing becomes difficult, call a physician.**

Skin **in case of skin contact, flush with copious amounts of water for at least 15 minutes. remove contaminated clothing and shoes.**

Ingestion **in swallowed, wash out mouth with water provided person is conscious. call a physician.**

Eyes **in case of contact with eyes, flush with copious amounts of water for at least 15 min.. assure adequate flushing by separating eyelids.**

Section 7 - Health Hazard Data

Health Hazards

(Acute and Chronic)

Acute toxicity

LD50 Oral - rat - 1,540 mg/kg

Irritation and corrosion

no data available

Sensitisation

no data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion Harmful if swallowed.

Target Organs Smooth muscle.,

Additional Information

RTECS: YX5425000

A metabolite of Mebeverine, an antispasmodic.

Medical Conditions

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

Generally Aggravated by Exposure

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

wear protective equipment. sweep up, place in a bag and hold for waste disposal. avoid raising dust. ventilate area and wash spill site after material pickup is complete.

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

mechanical exhaust required. do not breath dust. avoid contact with eyes, skin and clothing. keep tightly closed. store in a cool dry place.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

water spray. carbon dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting Procedures

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

Unusual Fire and Explosion Hazards

Emits Toxic Fumes under Fire Conditions.

Section 10 - Transportation Information and regulatory information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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.

6/2/2010