

Cyclobenzaprine N-Oxide: sc-207466



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

Cyclobenzaprine N-Oxide

CAS Reg. Number:

6682-26-4

Catalog Number:

sc-207466

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

Toxic Material Causing Immediate and Serious Toxic Effects

HMIS RATING: HEALTH: 2, FLAMMABILITY: 0, REACTIVITY: 0

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Form:

Crystalline Solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Molecular Formula:

C₂₀H₂₁NO

Solubility in Water:

N/A

Melting Point:

106-108° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

291.39

Section 4 - Reactive Data

Stability:

STABLE, avoid moisture, store under inert gas

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Conditions to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

toxic fumes of CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, and hydrogen chloride gas

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 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 – mouse

50 mg/kg

Irritation and corrosion: no data available

Sensitization: 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.

Signs and Symptoms of Exposure: Does not act at neuromuscular junction or directly on skeletal muscle but has overall skeletal muscle relaxing activity.

Potential Health Effects Inhalation:

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: Toxic if swallowed.

Additional Information RTECS: HP0875000

A metabolite of Cyclobenzaprine hydrochloride.

Medical Conditions Generally Aggravated by Exposure:

To the best of our knowledge the chemical, physical, and 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 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 BREATHE 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)

UN-Number: 2811

Class: 6.1

Packing group: III

Proper shipping name: Toxic solids, organic, n.o.s. (3-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)propyl(dimethyl) ammonium chloride)

Marine pollutant: No

Poison Inhalation Hazard: No

IATA

UN-Number: 2811

Class: 6.1

Packing group: III

EMS-No: F-A, S-A

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (3-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)propyl (dimethyl) ammonium chloride)

Marine pollutant: No

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.

1/12/2011