

(+/-)-4-Hydroxy Propranolol Hydrochloride: sc-210061



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

(+/-)-4-Hydroxypropranolol, Hydrochloride

CAS Reg. Number:

10476-53-6 (non-HCl)

Catalog Number:

sc-210061

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:

Beige Solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

N/A

Melting Point:

155-160° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

good

Incompatibility (Materials to Avoid):

Strong oxidizers

Conditions to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

toxic fumes of Carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen bromide gas

Hazardous Polymerization:

will not occur

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

Fume Hood

Protective Gloves:

chemical resistant gloves

Eye Protection:

safety goggles

Other Protective Clothing:

lab coat, apron

Other Protection:

Safety shower and eyewash

Section 6 - First Aid Measures**Inhalation:**

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

Skin:

Wash with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes

Ingestion:

If swallowed wash out mouth with water, provided person is conscious. Call a physician. Discard contaminated clothing

Eyes:

Flush eyes with copious amounts of water for at least 15 minutes. Flushing of the eyes by separating eyelids with fingers

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

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: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Ingestion: May be harmful if swallowed. SIGNS AND SYMPTOMS OF EXPOSURE To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Medical Conditions Generally Aggravated by Exposure:

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED

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 a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method:

Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.

Precautions to Be Taken in Handling and Storage:

Keep tightly closed. Handle & store under nitrogen. Moisture sensitive. freeze, avoid repeated exposure. Keep away from combustible materials, heat sparks & open flame. Wash thoroughly after handling. Do not breathe vapor.

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

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. Possibility of explosion

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.

8/2/2010