

Pirlimycin Hydrochloride: sc-212565



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name Pirlimycin Hydrochloride

Synonyms (2S-cis)-Methyl 7-Chloro-6,7,8-trideoxy-6-[[[(4-ethyl-2-piperidinyl)carbonyl]amino]-1-thio-L-threo- α -D-galactooctopyranoside Hydrochloride; Pirsue; U 57930E;

Catalog Nbr sc-212565

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

Cas Reg. No 78822-40-9

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 of this compound have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point N/A

Appearance and Odor Off-White Solid

Vapor Pressure N/A

Specific Gravity(H₂O=1) N/A

Vapor Density N/A

Melting Point 206-208°C

Solubility in Water N/A

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - Reactive Data

Stability good, moisture sensitive store under inert gas

*Incompatibility
(Materials to Avoid)*

Strong oxidizers

Conditions to Avoid Strong oxidizers

*Hazardous
Decomposition or
Byproducts* Carbon monoxide, carbon dioxide,
sulfur oxides, nitrogen oxides and
hydrogen chloride 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.

Semi-synthetic lincosaminide antibiotic; structural analog of Clindamycin. Antibacterial.

Medical Conditions

Generally Aggravated by Exposure **THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOURGHLY 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.

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.

8/6/2010