

Docetaxel Trihydrate: sc-207594



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

Docetaxel Trihydrate

CAS Reg. Number:

114977-28-5

Catalog Number:

sc-207594

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 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 Crystalline powder

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Molecular Formula:

C₄₃H₅₉NO₁₇

Solubility in Water:

N/A

Melting Point:

> 190° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

861.93

Section 4 - Reactive Data

Stability:

Light and Heat sensitive

Incompatibility (Materials to Avoid):

Strong oxidizing Agents

Conditions to Avoid:

Incompatible materials, excess heat, open flame.

Hazardous Decomposition or Byproducts:

Carbon Monoxide, carbon dioxide

Hazardous Polymerization:

N/A

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

hood

Protective Gloves:

Chemical resistant gloves

Eye Protection:

safety goggles

Other Protective Clothing:

Lab coat or apron

Other Protection:

eye wash and shower

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

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

Skin:

In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Wash out mouth with water provided person is conscious. Call a physician immediately.

Eyes:

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

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

Eye: May cause irritation and possible damage.

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

Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed

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

Chronic: N/A

Medical Conditions Generally Aggravated by Exposure:

may cause irritation

Section 8 - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled:**

Wear appropriate chemical resistant apparel. Avoid raising dust during clean-up. Ventilate area & wash spill site after pick-up is complete. Place waste in a bag & hold for disposal.

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:

Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel. Store at room temp.

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 skins and eyes.

Unusual Fire and Explosion Hazards:

emits toxic fumes under fire conditions; container explosion may occur under fire conditions.

Section 10 - Transportation Information and regulatory information

No data available.

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.

11/18/2010