

6 α -Methylprednisone: sc-207145



The Power to Question

Material Safety Data Sheet

Section 1 - General Information

Chemical Name:

6 α -Methylprednisone

CAS Reg. Number:

91523-05-6

Catalog Number:

sc-207145

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

EMERGENCY OVERVIEW Target Organs Adrenal cortex., Eyes, Bone, Immune system. HMIS RATING :
HEALTH:1, FLAMMABILITY: 0, REACTIVITY: 0

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

Beige powder

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

N/A

Melting Point:

227 - 231

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

372.45

Molecular Formula:

C₂₂H₂₈O₅

Section 4 - Reactive Data

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Conditions to Avoid:

Strong oxidizing agents

Hazardous Decomposition or Byproducts:

toxic fumes of Carbon monoxide, Carbon dioxide

Hazardous Polymerization:

will not occur

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

Hood

Protective Gloves:

Chemical resistant gloves

Eye Protection:

chemical safety goggles

Other Protective Clothing:

Lab coat or apron

Other Protection:

safety shower and eye bath

Section 6 - First Aid Measures

Inhalation:

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

Skin:

Rinse with copious amounts of water for 15 minutes. Remove contaminated clothing and shoes.

Ingestion:

Rinse mouth out with water, provided the person is conscious. Seek medical attention.

Eyes:

Flush eyes with copious amounts of water, separating eyelids with fingers.

Section 7 - Health Hazard Data

Health Hazards (Acute and Chronic):

Acute toxicity LD50 Oral - rat - > 4,000 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. Developmental Toxicity - mouse Signs and Symptoms of Exposure To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. 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 May be harmful if swallowed. Target Organs Adrenal cortex., Eyes, Bone, Immune system., Additional Information RTECS: TU4146000

Medical Conditions Generally Aggravated by Exposure:

To the best of our knowledge, the chemical, physical, and 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 bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method:

Dispose of in accordance with all federal, state and local environmental regulations.

Precautions to Be Taken in Handling and Storage:

Store in a cool, dry and well ventilated area. Keep all containers securely closed when not in use.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media:

Water; Carbon dioxide; dry powder

Special Fire Fighting Procedures:

Use water spray to cool fire - exposed containers and structures. Use water spray to disperse any vapors; reignition is always a potential. Use self-contained breathing apparatus as described above.

Unusual Fire and Explosion Hazards:

Toxic fumes are emitted under fire conditions consisting of carbon monoxide, carbon dioxide, nitrogen oxides, and sulfur dioxide.

Section 10 - Transportation Information and regulatory information

Transportation 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.