

Cyclosporin AM 1: sc-207472



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name:

Cyclosporin AM 1

Catalog Number:

sc-207472

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

HMIS Classification Health Hazard: 1 Flammability: 0
Physical hazards: 0

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Solubility in Water:

N/A

Form:

Powder

Melting Point:

146-148°C

Vapor Pressure:

N/A

Evaporation Rate (ButylAcetate=1):

N/A

Specific Gravity(H₂O=1):

N/A

Vapor Density:

N/A

Molecular Formula:

N/A

Molecular Weight:

N/A

Section 4 - Reactive Data

Stability:

STABLE

Incompatibility (Materials to Avoid):

Alkali metals, Aluminum, Strong oxidizing agents

Conditions to Avoid:

Strong oxidizers, Heat

Hazardous Decomposition or Byproducts:

CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES

Hazardous Polymerization:

WILL NOT OCCUR

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

HOOD

Protective Gloves:

RUBBER GLOVES

Eye Protection:

SAFETY GOGGLES

Other Protective Clothing:

LAB COAT/APRON

Other Protection:

SAFETY EYE WASH

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):**

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: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. Ingestion: May be harmful if swallowed. SIGNS AND SYMPTOMS OF EXPOSURE Cyclosporin A is a powerful immunosuppressant. Exposure may be associated with the development of lymphomas. Other symptoms of exposure may include hirsutism, rashes, gum hypertrophy, angio-oedema, mild tremor, and hypertension. Absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer. Exposure can cause: Headache. Nausea. Vomiting. Tremors. Diarrhea. Exposure may cause a rise in blood pressure. To the best of our knowledge, the chemical, physical, and the toxicological properties have not been thoroughly investigated. A cyclosporine metabolite specifically inhibits growth of renal cells in culture.

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**

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.

12/20/2010