

Allopurinol-d2: sc-207273



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name:

Allopurinol-d2

Catalog Number:

sc-207273

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: Liver, Kidney, Blood

Flammability: 0

HMIS Classification Health Hazard: 2

Physical hazards: 0

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Formr:

N/A

Vapor Pressure:

N/A

Specific Gravity(H2O=1):

N/A

Molecular Formula:

C5H2D2N4O

Solubility in Water:

N/A

Melting Point:

> 358° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

138.12

Section 4 - Reactive Data

Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizing agents

Conditions to Avoid: Oxidizing agents

Hazardous Decomposition or Byproducts: toxic fumes of carbon monoxide, carbon dioxide and nitrogen oxides

Hazardous Polymerization: will not occur

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):

Acute toxicity LD50 Oral – mouse – 78 mg/kg

Irritation and corrosion no data available

Sensitization May cause allergic skin reaction.

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 – Intraperitoneal Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Specific Developmental Abnormalities: Craniofacial (including nose and tongue).

Specific Developmental Abnormalities: Musculoskeletal system. Developmental Toxicity – mouse –

Intraperitoneal Effects on Embryo or Fetus: Fetal death.

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 Toxic if swallowed. Target Organs Liver, Kidney, Blood, Additional Information RTECS: UR0785000

Medical Conditions Generally Aggravated by Exposure: The 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 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.

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

DOT (US) UN-Number: 2811 Class: 6.1 Packing group: III

Proper shipping name: Toxic solids, organic, n.o.s. (Allopurinol) Marine pollutant: No

Poison Inhalation Hazard: No

IMDG UN-Number: 2811 Class: 6.1 Packing group: III EMS-No: F-A, S-A

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (Allopurinol)

Marine pollutant: No

IATA UN-Number: 2811 Class: 6.1 Packing group: III

Proper shipping name: Toxic solid, organic n.o.s. (Allopurinol)

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.

12/07/2010