

Sulfamethoxazole-d4: sc-220161



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:
Sulfamethoxazole-d4
CAS Reg. Number:
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Catalog Number:
sc-220161

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 chemical, physical and toxicological properties of this product have not been thoroughly investigated

Section 3 - Physical/Chemical Characteristics

Boiling Point:
N/A

Solubility in Water:
N/A

Appearance and Odor:
crystals

Melting Point:
170–172° C

Vapor Pressure:
N/A

Evaporation Rate (ButylAcetate=1):
N/A

Specific Gravity(H₂O=1):
N/A

Vapor Density:
N/A

Molecular Formula:
C₁₀H₇D₄N₃O₃S

Molecular Weight:
257.30

Section 4 - Reactive Data

Stability:

Light sensitive store under argon or inert gas

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Conditions to Avoid:

Strong oxidizing agents

Hazardous Decomposition or Byproducts:

toxic fumes of carbon dioxide, carbon monoxide, sulfur oxides, 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:

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 min, 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 the eyelids with fingers

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

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Skin Contact: May Cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

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 respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite, 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:

dissolve or mix 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:

Avoid contact and inhalation. Keep tightly closed. Store in freezer.

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.

12/3/2010