

1-Oxyl-2,2,5,5-tetramethylpyrroline-3-carboxylate N-Hydroxysuccinimide Ester: sc-208680



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

1-Oxyl-2,2,5,5-tetramethylpyrroline-3-carboxylate N-Hydroxysuccinimide Ester

CAS Reg. Number:

37558-29-5

Catalog Number:

sc-208680

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 Have not been thoroughly investigated. Exercise due care!

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

yellow Crystals

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:**Melting Point:**

174-177° C

Evaporation Rate (ButylAcetate=1):**Vapor Density:**

N/A

Molecular Weight:

289.25

Molecular Formula:

C₁₃H₁₇N₂O₅

Section 4 - Reactive Data

Stability:

Hygroscopic

Incompatibility (Materials to Avoid):

water

Conditions to Avoid:

damp, humid conditions

Hazardous Decomposition or Byproducts:

N/A

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 and apron

Other Protection:

safety shower, eye wash

Section 6 - First Aid Measures

Inhalation:

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

Skin:

Immediately flush eyes with copious amounts of water for at least 15 min while removing contaminated clothing and shoes.

Ingestion:

If swallowed, wash out mouth with water provided person is conscious. Call a physician. Remove and wash contaminated clothing immediately.

Eyes:

Immediately flush skin with copious amounts of water for at least 15 min while removing contaminated clothing and shoes.

Section 7 - Health Hazard Data

Health Hazards (Acute and Chronic):

may be harmful by inhalation, ingestion, or skin absorption, may cause irritation.

Medical Conditions Generally Aggravated by Exposure:

N/A

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

vacuate Area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Soak up with solvent spill kit and , place in a bag and hold for waste disposal. 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:

keep tightly closed, store frozen at -20° C

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:

May Emit toxic fumes under fire conditions.

Section 10 - Transportation Information and regulatory information

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.