

N-Stearoyl-L-cysteine: sc-212273



The Power to Question

Material Safety Data Sheet

Section 1 - General Information

Chemical Name:

N-Stearoyl-L-cysteine

CAS Reg. Number:

67603-46-7

Catalog Number:

sc-212273

Supplier:

Santa Cruz Biotechnology, Inc.

2145 Delaware Avenue

Santa Cruz, CA 95060

800.457.3801 or 831.457.3800

Section 2 - Hazardous Ingredients/Identity Information

The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

Pale White Solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

N/A

Melting Point:

84-86° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

Good store in freezer at -20° C

Incompatability (Materials to Avoid):

Stong Oxidizing Agents

Conditions to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

Toxic fumes Carbon monoxide, carbon dixide, nitrogen oxides and sulfur 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:

safety goggles

Other Protective Clothing:

lab coat, apron

Other Protection:

Safety shower and eyewash

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. Call a physician.

Ingestion:

If 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 minutes. Assure adequate flushing by separating the eyelids with fingers.

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

ROUTE OF EXPOSURE Skin Contact: Causes 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. SIGNS AND SYMPTOMS OF EXPOSURE To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Medical Conditions Generally Aggravated by Exposure:

THE 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 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:

Keep tightly closed. Store in a cool dry place.

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 skin and eyes.

Unusual Fire and Explosion Hazards:

MAY EMIT 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.

Emergency:

ChemWatch

Within the US & Canada: 877-715-9305

Outside the US & Canada: +800 2436 2255

(1-800-CHEMCALL) or call +613 9573 3112