

# N-Acetyl-S-(3-hydroxypropyl-1-methyl)-L-cysteine Dicyclohexylammonium Salt: sc-212101



## MATERIAL SAFETY DATA SHEET

The Power to Question

### Section 1 - General Information

**Chemical Name:**

N-Acetyl-S-(3-hydroxypropyl-1-methyl)-L-cysteine Dicyclohexylammonium Salt

**Catalog Number:**

sc-212101

**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

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Form:**

Solid

**Vapor Pressure:**

N/A

**Specific Gravity(H<sub>2</sub>O=1):**

N/A

**Molecular Formula:**

C<sub>21</sub>H<sub>40</sub>N<sub>2</sub>O<sub>4</sub>S

**Solubility in Water:**

N/A

**Melting Point:**

N/A

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

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

416.62

### Section 4 - Reactive Data

**Stability:**

Stable, hygroscopic and moisture sensitive store under inert gas

**Incompatability (Materials to Avoid):**

Strong oxidizing agents

**Conditions to Avoid:**

strong oxidizing agents, moisture

**Hazardous Decomposition or Byproducts:**

toxic fumens of carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides

**Hazardous Polymerization:**

will not occur

### Section 5 - Control Measures

**Respiratory Protection:**

Niosh/Msha approved respirator

**Protective Gloves:**

Chemical resistant gloves

**Other Protective Clothing:**

Lab coat or apron

**Ventilation:**

Hood

**Eye Protection:**

chemical safety goggles

**Other Protection:**

safety shower and eye bath

## ***Section 6 - First Aid Measures***

### **Inhalation:**

If swallowed, wash out mouth with water provided person is conscious. 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 inhaled, remove to fresh air. If breathing becomes difficult, 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. Call doctor.

## ***Section 7 - Health Hazard Data***

### **Health Hazards (Acute and Chronic):**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

### **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: Harmful if swallowed.

### **Medical Conditions Generally Aggravated by Exposure:**

May cause irritation 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, chemicals 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 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:**

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.***

04/04/2011