

# S-Methyl-N,N-diethylthiocarbamate Sulfoxide: sc-208329



The Power to Question

## Material Safety Data Sheet

### Section 1 - General Information

**Chemical Name:**

S-Methyl-N,N-diethylthiocarbamate Sulfoxide

**CAS Reg. Number:**

140703-15-7

**Catalog Number:**

sc-208329

**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

HMIS RATING HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Appearance and Odor:**

Pale yellow oil

**Vapor Pressure:**

N/A

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

N/A

**Solubility in Water:**

N/A

**Melting Point:**

N/A

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

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

163.24

**Molecular Formula:**

C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>S

### Section 4 - Reactive Data

**Stability:**

Good, light and temperature sensitive

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents

**Conditions to Avoid:**

strong oxidizers, protect from light and high temperatures

**Hazardous Decomposition or Byproducts:**

toxic fumes of: Carbon dioxide, carbon monoxide, sulfur oxides and nitrogen oxides

**Hazardous Polymerization:**

will not occur

### Section 5 - Control Measures

**Respiratory Protection:**

Niosh/Msha approved respirator

**Ventilation:**

chemical fume hood

**Protective Gloves:**

rubber gloves

**Eye Protection:**

chemical safety goggles

**Other Protective Clothing:**

lab coat/apron

**Other Protection:**

eye safety wash

**Section 6 - First Aid Measures****Inhalation:**

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

**Skin:**

In case of contact, immediately wash skin with soap and copious amounts of water.

**Ingestion:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Eyes:**

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

**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: May be harmful if swallowed.

**Medical Conditions Generally Aggravated by Exposure:**

To the best of our knowledge, the chemical, physical, and 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 PROTECTIVE EQUIPMENT. 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:**

MECHANICAL EXHAUST REQUIRED. DO NOT BREATHE DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. 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 in 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.***