

# N-Nitrosobis(2-oxopropyl)amine: sc-212257



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### Section 1 - General Information

**Chemical Name:**

N-Nitrosobis(2-oxopropyl)amine

**CAS Reg. Number:**

60599-38-4

**Catalog Number:**

sc-212257

**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. Potential carcinogen. \*\*Toxic, possible carcinogen\*\*

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Solubility in Water:**

N/A

**Form:**

Crystals

**Melting Point:**

43-44° C

**Vapor Pressure:**

N/A

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

N/A

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

N/A

**Vapor Density:**

N/A

**Molecular Formula:**

C<sub>6</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular Weight:**

158.16

### Section 4 - Reactive Data

**Stability:**

stable

**Incompatibility (Materials to Avoid):**

strong oxidizing agents strong bases

**Conditions to Avoid:**

n/a

**Hazardous Decomposition or Byproducts:**

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

**Hazardous Polymerization:**

n/a

### 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:**

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 atleast 15 minutes.

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

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

#### **Acute:**

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

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

no data

## ***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 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. Avoid inhalation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Avoid prolonged exposure. 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 & IATA**

No data available.

***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.***

2/7/2011