



*The Power to Question*

# N-Desmethyl Sildenafil: sc-208029

## Material Safety Data Sheet

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### **Section 1 - General Information**

**Chemical Name:**

N-Desmethyl Sildenafil

**CAS Reg. Number:**

139755-82-1

**Catalog Number:**

sc-208029

**Company:**

Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, California 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 of this compound have not been thoroughly investigated. Exercise due care.

### **Section 3 - Physical/Chemical Characteristics**

**Boiling Point:**

N/A

**Appearance and Odor:**

White Solid

**Vapor Pressure:**

N/A

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

N/A

**Solubility in Water:**

N/A

**Melting Point:**

158-160° C

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

N/A

**Vapor Density:**

N/A

### **Section 4 - Reactive Data**

**Stability:**

good, moisture sensitive store under inert gas

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents

**Conditions to Avoid:**

Strong oxidizers

**Hazardous Decomposition or Byproducts:**

Toxic fumes of Carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides

**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):**

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. 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. A metabolite of Sildenafil, an orally active selective type 5 cGMP phosphodiesterase inhibitor.

### **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:**

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.*