

# 7 $\alpha$ -Thiomethyl Spironolactone: sc-207187



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - General Information

**Chemical Name:**

7 $\alpha$ -Thiomethyl Spironolactone

**Catalog Number:**

sc-207187

**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

**EMERGENCY OVERVIEW**

Toxic. May impair fertility.

Target organ(s): Kidneys. Reproductive system.

Calif. Prop. 65 carcinogen.

**HMIS Classification**

Health Hazard: 0

Flammability: 0

Physical hazards: 0

### 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:**

MF

**Solubility in Water:**

N/A

**Melting Point:**

210-212° C

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

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

MW

### Section 4 - Reactive Data

**Stability:**

Good

**Incompatibility (Materials to Avoid):**

Strong oxidizers

**Conditions to Avoid:**

Strong oxidizers

**Hazardous Decomposition or Byproducts:**

toxic fumes of carbon monoxide carbon dioxide, 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 or apron

### **Other Protection:**

eye wash or shower

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

### **Inhalation:**

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

### **Skin:**

In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes.

### **Ingestion:**

Wash out mouth with water provided person is conscious. Call a physician immediately.

### **Eyes:**

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

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

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

#### **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.

#### **TARGET ORGAN(S) OR SYSTEM(S)**

Kidneys. Male reproductive system. Female reproductive system. Bone marrow. Skin.

#### **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 of this compound 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 appropriate chemical resistant apparel. Avoid raising dust during clean-up. Ventilate area & wash spill site after pick-up is complete. Place waste in a bag & hold for disposal.

### **Waste Disposal Method:**

Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.

### **Precautions to Be Taken in Handling and Storage:**

Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel.

## **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.***

01/31/2011