

# (+/-)-ortho-Cotinine: sc-208134



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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

**Chemical Name:**

(+/-)-ortho-Cotinine

**CAS Reg. Number:**

147732-31-8

**Catalog Number:**

sc-208134

**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**

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:**

Yellow Oil

**Vapor Pressure:**

N/A

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

N/A

**Solubility in Water:**

N/A

**Melting Point:**

120-135°C.

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

N/A

**Vapor Density:**

N/A

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

**Stability:**

Good, light sensitive

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents

**Conditions to Avoid:**

Strong oxidizing agents, strong light

**Hazardous Decomposition or Byproducts:**

Toxic fumes of carbon monoxide, carbon dioxide and nitrogen 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:**

eye safety wash

## **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. The toxicological properties of this compound have not been thoroughly investigated. Exercise due care. A metabolite of nicotine in humans. Used for internal standardization for routine biomonitoring of nicotine metabolites.

### **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:**

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**

***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.***

08/07/2010