

# $\beta$ -Nicotyrine: sc-212391



## MATERIAL SAFETY DATA SHEET

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### Section 1 - General Information

**Chemical Name:**

$\beta$ -Nicotyrine

**CAS Reg. Number:**

487-19-4

**Catalog Number:**

sc-212391

**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 tested. Exercise due care.

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

78-80° C

**Appearance and Odor:**

Clear Light Red-Brown 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

### Section 4 - Reactive Data

**Stability:**

light and moisture sensitive

**Incompatability (Materials to Avoid):**

Protect from light and moisture. Strong oxidizing agents.

**Conditions to Avoid:**

Strong oxidizers

**Hazardous Decomposition or Byproducts:**

Thermal decomposition may produce carbon monoxide, carbon dioxide, and nitrogen oxides.

**Hazardous Polymerization:**

No Data

### 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. May be irritating to mucous membranes and upper respiratory tract.

**Ingestion:** May be harmful if swallowed. The toxicological properties have not been tested. Exercise due care.

Possible carcinogen.

**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. Evacuate area. Avoid raising dust during clean-up. Absorb on sand or vermiculite and place in closed containers 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. Do not breath vapour.

Wash thoroughly after handling. Remove and wash contaminated clothing. POISON. IRRITANT. Store in a cool dry place. Store at -20° C.

***Section 9 - Fire and Explosion Hazard Data*****Extinguishing Media:**

Carbon Dioxide, dry powder or 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**

No data available.

**IATA**

Proper shipping name: Nicotine compound, liquid, n.o.s.

UN # : UN3144

Packing Group : III

Packing Instruction : 611

Class : 6.1

***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.***

9/21/2010