

# Nitecapone: sc-208099



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### Section 1 – Chemical and Company Information

**Chemical Name:** Nitecapone

**Synonyms:** 3-[(3,4-Dihydroxy-5-nitrophenyl)methylene]-2,4-pentanedione; OR 462

**Cas Reg. No:** 116313-94-1

**Catalog Number:** sc-208099

**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

**Form:**

Solid

**Vapor Pressure:**

N/A

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

N/A

**Molecular Formula:**

C<sub>12</sub>H<sub>11</sub>NO<sub>6</sub>

**Solubility in Water:**

N/A

**Melting Point:**

171-173°C

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

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

265.22

### Section 4 – Reactive Data

**Stability** Stable

**Incompatibility (Materials to Avoid)** Strong oxidizing agents

**Conditions to Avoid** Strong oxidizers

**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

**Protective Gloves:**

Chemical resistant gloves

**Other Protective Clothing:**

Lab coat or apron

**Ventilation:**

Hood

**Eye Protection:**

Chemical safety goggles

**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 in a non-flammable area.

**Skin** In case of contact, immediately wash skin with copious amounts of soap and water for 15 minutes. Wash contaminated clothing before reuse.

**Ingestion** If swallowed, rinse mouth out with water provided the person is conscious. Call a Physician.  
**Eyes** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes, separating the eyelids with fingers.

## Section 7 – Health Hazard Data

### Health Hazards (Acute and Chronic)

The toxicological properties have not been thoroughly investigated. Exercise due care.

**Skin Contact:** May Causes skin irritation.

**Skin Absorption:** May be harmful if absorbed through the skin.

**Eye Contact:** Causes eye irritation.

**Inhalation:** Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

**Ingestion:** May be harmful if swallowed.

### Additional information

Inhibitor for the treatment of Parkinson's disease.

### 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** Ventilate area and wash spill site after material pickup is complete. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Evacuate the area.

**Waste Disposal Method** Dissolve or mix 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** Wear appropriate chemical resistant gloves & safety glasses. Use only in chemical fume hood. For short term use (1–3 mon.), store desiccated. For long term storage (3–12 mon.), store at -20° C. Avoid exposure to sunlight.

## 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.***

11/16/2011