

# Tamoxifen-N-oxide: sc-208415



*The Power to Question*

## Material Safety Data Sheet

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

**Chemical Name:**

Tamoxifen-N-oxide

**CAS Reg. Number:**

75504-34-6

**Catalog Number:**

sc-208415

**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**

Irritant to eyes, respiratory system and skin. The toxicological properties 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:**

143-145° C

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

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

387.51

**Molecular Formula:**

C<sub>26</sub>H<sub>29</sub>NO<sub>2</sub>

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

**Stability:**

Stable may be hygroscopic and protect from light

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents, strong acids, strong bases

**Conditions to Avoid:**

Strong oxidizing agents

**Hazardous Decomposition or Byproducts:**

Toxic fumes of: carbon monoxide, carbon dioxide, nitrogen oxides

**Hazardous Polymerization:**

Will not occur

### **Section 5 - Control Measures**

**Respiratory Protection:**

Niosh/Msha approved respirator

**Ventilation:**

Mechanical exhaust required use in hood

**Protective Gloves:**

chemical resistant gloves

**Eye Protection:**

Chemical safety goggles

**Other Protective Clothing:**

lab coat or apron

**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.

**Skin:**

Wash skin with soap and copious amounts of water.

**Ingestion:**

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

**Eyes:**

Immediately flush with copious amounts of water for at least 15 minutes

**Section 7 - Health Hazard Data****Health Hazards (Acute and Chronic):**

ROUTE OF EXPOSURE Skin Contact: 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: Harmful if swallowed. 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 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 respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in 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 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:**

Store in a cool, dry place. Avoid prolonged, repeated exposure. Wash after handling. Wear chemical safety goggles, chemical resistant gloves, and NIOSH/MSHA-approved respirator. Store at -20° C.

**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.***