

# (S)-Azelastine Hydrochloride: sc-208363



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - General Information

**Chemical Name:**

(S)-Azelastine Hydrochloride

**CAS Reg. Number:**

153408-27-6

**Catalog Number:**

sc-208363

**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.

**EMERGENCY OVERVIEW** Harmful. Harmful if swallowed.

### 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>22</sub>H<sub>24</sub>ClN<sub>3</sub>O • HCl

**Solubility in Water:**

N/A

**Melting Point:**

219-221° C

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

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

418.36

### Section 4 - Reactive Data

**Stability:**

good

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents

**Conditions to Avoid:**

strong oxidizing agents

**Hazardous Decomposition or Byproducts:**

toxic fumes of carbon monoxide, carbon dioxide, and nitrogen oxides, hydrogen chloride gas

**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:**

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

### **Skin:**

Immediately flush skin with copious amounts of water for at least 15 min while removing contaminated clothing and shoes.

### **Ingestion:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician. Remove and wash contaminated clothing immediately.

### **Eyes:**

Immediately flush eyes with copious amounts of water for at least 15 min. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

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

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

#### **ROUTE OF EXPOSURE**

**Skin Contact:** Causes skin irritation.

**Skin Absorption:** Harmful if absorbed through skin.

**Eye Contact:** Causes eye irritation.

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

**Ingestion:** Harmful if swallowed.

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 respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

### **Waste Disposal Method:**

Dissolve or mix the 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:**

Keep tightly closed. Store in a cool dry place. 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.***

7/1/2011