

# Desonide: sc-211275



## MATERIAL SAFETY DATA SHEET

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### 1. Product and company identification

**Product Name:** Desonide  
**Catalog Number:** sc-211275  
**Synonyms:** Tridesilon  
**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

### 2. Identification of the substance

**CAS Number:** 638-94-8

### 3. Hazards identification

#### EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.

#### Potential Health Effects

<b>Eye</b>	Causes eye irritation. May cause chemical conjunctivitis.
<b>Skin</b>	Causes skin irritation.
<b>Ingestion</b>	May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.
<b>Inhalation</b>	Causes respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. Can produce delayed pulmonary edema.
<b>Chronic</b>	Effects may be delayed.

### 4. First aid measures

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Wash mouth out with water.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

**Notes to Physician:** Treat symptomatically and supportively.

### 5. Fire fighting measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

#### Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

## 6. Accidental release measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

## 7. Handling and storage

**Handling:** Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Use with adequate ventilation. Wash clothing before reuse. Avoid breathing dust.

**Storage:** Store in a cool, dry place. Store in a tightly closed container. Store at 4° C.

## 8. Exposure Controls / PPE

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Exposure Limits CAS# 638-94-8:** N/A

**Personal Protective Equipment Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## 9. Physical and chemical properties

Physical State	Solid	Odor	Not available
pH	Not available	Vapor Pressure	Not available
Viscosity	Not available	Boiling Point	Not available
Freezing/Melting Point	Not available	Autoignition Temperature	Not available
Flash Point	Not available	Explosion Limits, lower	Not available
Explosion Limits, upper	Not available	Decomposition Temperature	Not available
Specific Gravity/Density	Not available	Molecular Formula	C24H32O6
Molecular Weight	416.51		

## 10. Stability and reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Dust generation.

**Incompatibilities with Other Materials:** Acids, bases, reducing agents, strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, hydrogen bromide.

**Hazardous Polymerization:** Has not been reported.

## 11. Toxicological information

**RTECS#:** CAS#: 638-94-8 unlisted.

**LD50/LC50:** Not available.

**Carcinogenicity:** Desonide not listed by ACGIH, IARC, or NTP.

## 12. Ecological information

Not available.

## 13. Disposal consideration

Dispose of in a manner consistent with federal, state, and local regulations.

## 14. Transportation information

### IATA

Shipping Name: Not available.

Hazard Class: Not available.

UN Number: Not available.

Packing Group: Not available.

### IMO

Shipping Name: Not available.

Hazard Class: Not available.

UN Number: Not available.

Packing Group: Not available.

### RID/ADR

Shipping Name: Not available.

Hazard Class: Not available.

UN Number: Not available.

Packing group: Not available.

## 15. Regulatory information

**European/International Regulations European Labeling in Accordance with EC Directives Hazard Symbols: XI**

### Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

### Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

**WGK (Water Danger/Protection)** CAS# 638-94-8: No information available.

### Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 638-94-8 is not listed on Canada's Ingredient Disclosure List.

**US FEDERAL TSCA** CAS# 638-94-8 is not listed on the TSCA inventory.

It is for research and development use only.

## 16. Other 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.*

11/30/2011