

Loteprednol Etabonate: sc-211753



The Power to Question

Material Safety Data Sheet

Section 1 - General Information

Chemical Name:

Loteprednol Etabonate

CAS Reg. Number:

82034-46-6

Catalog Number:

sc-211753

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

EMERGENCY OVERVIEW Irritant. Irritating to eyes, respiratory system and skin. HMIS RATING : HEALTH:

2 : FLAMMABILITY: 0 : REACTIVITY: 1 NFPA RATING: HEALTH: 2 : FLAMMABILITY: 0 : REACTIVITY: 1

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

Crystalline Solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

N/A

Melting Point:

220.5-223.

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

466.95

Molecular Formula:

C₂₄H₃₁ClO₇

Section 4 - Reactive Data

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Conditions to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

Carbon monoxide, carbon dioxide, hydrogen chloride gas

Hazardous Polymerization:

will not occur

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

hood

Protective Gloves:

chemical resistant gloves

Eye Protection:

chemical safety goggles

Other Protective Clothing:

lab coat, 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 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):**

ROUTE OF EXPOSURE Skin Contact: Causes skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: Causes eye irritation. Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. Ingestion: May be harmful if swallowed. May cause irritation to the eyes, skin and respiratory tract. Can cause hypersensitivity (anaphylactic) in some individuals. Adverse reactions to corticosteroids include suppression of adrenal gland secretion, Cushing's syndrome, water retention, electrolyte imbalance and hyper-glycemia. Studies in animals indicate that topical adrenocorticoids, when used in large amounts, can be systemically absorbed and can cause fetal abnormalities. Immune suppression may result from chronic high doses. 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 yet been thoroughly investigated

Section 8 - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled:**

Wear appropriate chemical resistant apparel. Ventilate area and wash spill site after pick up is complete. Place waste in bag and dispose according to local, provincial and federal regulations.

Waste Disposal Method:

Burn in a chemical incinerator equipped with an afterburner and scrubber. Abide to local, provincial and federal regulations.

Precautions to Be Taken in Handling and Storage:

Avoid contact and inhalation. Keep tightly closed. Restrict handling to qualified personnel.

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.