

5,6-Epoxy-13-cis Retinoic Acid: sc-207065



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name 5,6-Epoxy-13-cis Retinoic Acid

Catalog Number sc-207065

CAS# 81444-57-7

Synonyms 13-cis-5,6-Epoxy-5,6-dihydroretinoic Acid;

Supplier Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 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

Target Organ(s): Eyes. Nerves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing, gloves and eye/face protection.
Do Not Breathe Dust.

Section 3 - Physical/Chemical Characteristics

Boiling Point N/A

Vapor Pressure N/A

Vapor Density N/A

Solubility in Water N/A

Appearance and Odor

Yellow Solid

Specific Gravity(H₂O=1)

N/A

Melting Point

176-178°C

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - Reactive Data

Stability stable, light and moisture sensitive store under inert gas

Incompatibility
(Materials to Avoid)

strong oxidizing agents

Conditions to Avoid protect from light

Hazardous Decomposition or Byproducts carbon monoxide, carbon dioxide

Hazardous Polymerization

will not occur

Section 5 - Control Measures

Respiratory Protection Niosh/Msha approved respirator

Ventilation

hood

Protective Gloves Chemical-resistant gloves

Eye Protection

safety goggles

Other Protective Clothing lab coat or apron

Other Protection

eye safety wash

Section 6 - First Aid Measures

Inhalation Remove to fresh air. If breathing becomes difficult, call a Physician.

Skin Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Ingestion If swallowed, wash out mouth with water provided person is conscious. Call a Physician.

Eyes flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a Physician.

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Exercise due care.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

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

Eye Contact: May cause eye irritation.

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

Ingestion: May be harmful if swallowed.

A metabolite of 13-cis-Retinoic Acid

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

<i>Steps to be Taken in Case Material is Released or Spilled</i>	wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
<i>Waste Disposal Method</i>	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
<i>Precautions to Be Taken in Handling and Storage</i>	wear appropriate NIOSH/MSHA-approved respirator. Chemical-resistant gloves, safety goggles, other protective clothing. use only in a chemical fume hood. Oxidizes in the presence of air, store under nitrogen.

Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	water spray. Carbon Dioxide, dry chemical powder or appropriate foam.
<i>Special Fire Fighting Procedures</i>	wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<i>Unusual Fire and Explosion Hazards</i>	

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.

10/20/2010