

D-Ethylgonendione: sc-211178



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name **D-Ethylgonendione**

Synonyms **13-Ethyl-gon-4-ene-3,17-dione; (+)-13-Ethylgon-4-ene-3,17-dione; (+)-13- β -Ethylgon-4-ene-3,17-dione; 18-Methyl-19-norandrost-4-ene-3,17-dione; 18-Methylestr-4-ene-3,17-dione;**

Catalog Nbr **sc-211178**

Supplier **Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800**

Cas Reg. No **21800-83-9**

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.

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

Light Yellow Crystalline Solid

Specific Gravity(H₂O=1)

N/A

Melting Point

166-1670C

Evaporation Rate (Butyl Acetate=1) **N/A**

Section 4 - Reactive Data

Stability **Stable**

Conditions to Avoid **strong oxidizing agents**

Hazardous Decomposition or Byproducts **Toxic fumes of carbon monoxide, carbon dioxide**

Incompatibility (Materials to Avoid)

Strong oxidizers

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, apron**

Ventilation

HOOD

Eye Protection

safety goggles

Other Protection

Safety shower and eyewash

Section 6 - First Aid Measures

Inhalation **If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.**

Skin **In case of skin contact, 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 **In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.**

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.

Norgestrel intermediate.

*Medical Conditions
Generally Aggravated by
Exposure*

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOURGHLY INVESTIGATED

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. Ventilate area and wash spill site after material pickup is complete.

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.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

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*

MAY EMIT 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.

7/13/2010