

3,3',5'-Triiodo-L-thyronine: sc-209692



The Power to Question

Material Safety Data Sheet

Section 1 - General Information

Chemical Name:

3,3',5'-Triiodo-L-thyronine

CAS Reg. Number:

5817-39-0

Catalog Number:

sc-209692

Company:

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

The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

Beige powder

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility:

Soluble in ammonia

Melting Point:

191-193°C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

Stable, protect from light

Incompatibility (Materials to Avoid):

Strong oxidizers

Conditions to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides

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 or apron

Other Protection:

safety shower and eye wash

Section 6 - First Aid Measures

Inhalation:

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

Skin:

rinse with copious amounts of water for 15 min, remove contaminated clothing and shoes

Ingestion:

rinse mouth out with water provided the person is conscious. seek medical attention

Eyes:

flush eyes with copious amounts of water 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. Of interest for the early detection and treatment of congenital or drug-induced hypothyroidism in the developing human fetus.

Medical Conditions Generally Aggravated by Exposure:

skin, eye and respiratory irritation

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 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 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:

Avoid contact and inhalation. Keep tightly closed. 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 in 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.