

β -Glucosylglycerol: sc-211562



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name β -Glucosylglycerol

Synonyms 2-Hydroxy-1-(hydroxymethyl)ethyl- β -D-glucopyranoside; β -D-2-Hydroxy-1-(hydroxymethyl)ethyl Glucopyranoside; Lilioid B; β -Glucosylglycerol;

Catalog Nbr sc-211562

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

Cas Reg. No 10588-30-4

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

<i>Boiling Point</i> N/A	<i>Apearance and Odor</i> Off-White Solid
<i>Vapor Pressure</i> N/A	<i>Specific Gravity(H₂O=1)</i> N/A
<i>Vapor Density</i> N/A	<i>Melting Point</i> N/A
<i>Solubility in Water</i> N/A	<i>Evaporation Rate (Butyl Acetate=1)</i> N/A

Section 4 - Reactive Data

<i>Stability</i> Stable, store under inert atmosphere	<i>Incompatability (Materials to Avoid)</i> strong oxidizing agents
<i>Conditions to Avoid</i> strong oxidizers	
<i>Hazardous Decomposition or Byproducts</i> toxic fumes of carbon monoxide, carbon dioxide	<i>Hazardous Polymerization</i> will not occur

Section 5 - Control Measures

<i>Respiratory Protection</i> Niosh/Msha approved respirator	<i>Ventilation</i> HOOD
<i>Protective Gloves</i> chemical resistant gloves	<i>Eye Protection</i> safety goggles
<i>Other Protective Clothing</i> lab coat, apron	<i>Other Protection</i> 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 atleast 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)

The toxicological effects have not been thoroughly tested. Exercise due care.

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: Harmful if swallowed.

A component contained in cosmetic formulation. Diesters of glycosylglycerols are active in cancer chemo-prevention.

Medical Conditions
Generally Aggravated by
Exposure

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOURGHLY INVESTIGATED

Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	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.
<i>Waste Disposal Method</i>	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.
<i>Precautions to Be Taken in Handling and Storage</i>	Keep tightly closed. Store in a cool dry place.

Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	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>	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.

8/17/2010