

Benzyl β -D-Glucopyranoside: sc-221295



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

Benzyl β -D-Glucopyranoside

Catalog Number:

sc-221295

CAS Number:

4304-12-5

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

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

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Form:

Solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Molecular Formula:

C₁₃H₁₈O₆

Solubility in Water:

N/A

Melting Point:

111-112°C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

270.28

Section 4 - Reactive Data

Stability:

Good

Incompatibility (Materials to Avoid):

Strong Oxidizing Agents

Conditions to Avoid:

Strong oxidizing agents

Hazardous Decomposition or Byproducts:

Toxic fumes of: Carbon Monoxide, Carbon Dioxide

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 or apron

Ventilation:

Hood

Eye Protection:

chemical safety goggles

Other Protection:

safety shower and eye bath

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):

May be harmful by eye or skin contact, inhalation, or ingestion. May cause irritation. The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.

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

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 in freezer.

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 & eyes.

Unusual Fire and Explosion Hazards:

No Data

Section 10 - Transportation Information and regulatory information

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.

07/14/2011