

4,6-O-Benzylidene-D-glucose: sc-284473



The Power to Question

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Product Name: 4,6-O-Benzylidene-D-glucose
Catalog Number: sc-284473
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

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number: 30688-66-5
Formula weight: $C_{13}H_{16}O_6$
Molecular formula: 268.26

3. HAZARDS IDENTIFICATION

Toxicity: Not available.
Mutagenity: NA
Karcinogenity: NA
Safety instructions: May be harmful by inhalation, ingestion or skin absorption.
May cause eye irritation. May cause skin irritation.

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical advice.
Skin contact: Immediately wash skin with soap and copious amounts of water. Remove and wash contaminated clothes promptly. Get medical advice.
Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.
Ingestion: Wash out mouth with water provided person is conscious.

5. FIRE FIGHTING MEASURES

Personal precautions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing media:	In case of fire use water spray, carbon dioxide, appropriate foam, sand.
Unusual fire and explosions hazards:	Under fire conditions material may form toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Environmental precautions:	Sweep up. Place in a bag and hold for waste disposal. Avoid raising dust.
Methods for cleaning up:	Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Refer to section 8.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection equipment:	
Eye protection:	Chemical safety goggles.
Respiratory protection:	NIOSH/MSHA - Approved respirator
Hand protection:	Compatible chemical - resistant gloves.
Hygiene measures:	Safety shower and eye bath.
General:	
Mechanical exhaust required. Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep container closed. Store in a cool dry place.	
Store at room temperature.	

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Solid.
Solubility:	Water: Partly soluble Ethanol: Partly soluble

10 STABILITY AND REACTIVITY

Incompatibilities: Not known.
Hazardous combustion products: Toxic fumes of carbon monoxide and carbon dioxide

11 TOXICOLOGICAL INFORMATION

May be harmful by inhalation, ingestion or skin absorption. May cause eye irritation. May cause skin irritation.
To the best of our knowledge the chemical physical and toxicological properties have not been investigated.

12. ECOLOGICAL INFORMATION

Data not yet available

13. DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn it in a chemical incinerator equipped with an after burner and scrubber. Observe all local environmental regulations.

14. TRANSPORT INFORMATION

This product is not regulated for transport.

15. REGULATORY INFORMATION

Not listed in EU regulations.
Caution: Substance not yet fully tested.

16. ADDITIONAL INFORMATION
