

β -Naphthyl α -D-Glucopyranoside: sc-222043



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product Name: β -Naphthyl α -D-Glucopyranoside
Catalog Number: sc-222043
Synonyms: 2-Naphthalenyl- α -D-glucopyranoside; 2-Naphthyl α -D-Glucopyranoside;
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 – Composition, Information on Ingredients

CAS No.	Chemical name	Percent	EINECS	Classification
25320-79-0	2-Naphthyl-alpha-D-glucopyranoside	100	-	Non hazardous

Section 3 – Hazards Identification

Emergency Overview: Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated. May be harmful if swallowed, inhaled or absorbed through skin.

Target Organs None known.

Potential Health Effects

Eye May cause eye irritation.

Skin May cause skin irritation.

Ingestion May cause digestive tract irritation.

Inhalation May cause respiratory tract irritation.

Chronic Not available.

Section 4 – First Aid Measures

Eye In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician.

Skin In case of contact, immediately flush skin with copious amounts of water for at least 15 minutes. Call a physician.

Ingestion If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician.

Notes to Physician Treat symptomatically and supportively.

Section 5 – Firefighting Measures

General Information As in any fire, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing Media In case of fire use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Autoignition Temperature Not available.

Flash Point Not available.

NFPA Rating Not published.

Explosion Limits, Lower: Not available. **Upper:** Not available.

Section 6 -Accidental Release Measures

General Information Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks 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.

Section 7 -Handling and Storage

Handling Avoid ingestion and inhalation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage Keep container tightly closed when not in use. Refrigerate (2–8° C). Store dry. Protect from light.

Section 8 -Exposure Controls, Personal Protection

Engineering Controls Use adequate ventilation to keep airborne concentrations low.

Exposure Limit Not available.

Personal Protective Equipment

Eyes Wear chemical safety goggles or face shield if splashing is possible.

Skin Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

Hand Wear compatible chemical-resistant gloves to prevent skin exposure.

Clothing Wear appropriate protective clothing to prevent exposure.

Respirator Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9 -Physical and Chemical Properties

Form	crystalline powder	pH	Does not apply.
Boiling Point	0.000	Melting Point	207.000 GC
Flash Point	Not available.	AutoignitionTemperature	Not available.
Vapor Pressure	Does not apply.	Vapor Density	Does not apply.
Specific Gravity/Density	Does not apply.	Coefficient octanol/water	Not available.
Solubility in water	Soluble in warm water.	Solubility other	Soluble in ethanol.
Molecular Formula	C16H18O6	Molecular Weight	306.320 g/mol
Other physical data	Not available.		

Section 10 – Stability and Reactivity

Stability Stable.

Conditions to Avoid/Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition Products: Toxic fumes of: carbon monoxide, carbon dioxide.

Hazardous Polymerization Will not occur.

Section 11 – Toxicological Information

RTECS LZ 5984300

CAS No. [25320–79–0]

LD50/LC50 Not available.

Carcinogenity Not available.

Epidemiology Not available.

Teratogen Not available.

Reproductive Effects Not available.

Neurotoxicity Not available.

Mutagen Not available.

Other Studies Only selected Registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

Section 12 – Ecological Information

Ecotoxicity Not available.

Environmental Fate Not available.

Physical/Chemical Not available.

Other Not available.

Section 13 – Disposal Considerations

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.

Section 14 – Transport Information

IATA

UN Number Not regulated as a hazardous material (IATA/ADR)

Proper Shipping Name not available

Class not available

Packing Group not available

RID/ADR

UN Number Not regulated as a hazardous material (IATA/ADR)

Proper Shipping Name not available

Class not available

Packing Group not available

Section 15 – Regulatory Information

European / International Regulations

Hazard Symbols not available

<u>R-Phrase No.</u>	<u>Risk Phrases</u>
not available	not available

<u>S-Phrase No.</u>	<u>Safety Phrases</u>
not available	not available

International Regulations Not available.

Exposure Limit Not available.

Section 16 – Other 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.

12/27/2010