

1-O-Methyl- β -D-glucuronic acid, sodium salt: sc-281221



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: 1-O-Methyl- β -D-glucuronic acid, sodium salt
Catalog Number: sc-281221
Synonyms: 1-O-Methylglucuronide sodium salt; 1-OMe-beta-D-GlcA · Na
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: Chemical Information on Ingredients

<u>CAS No.</u>	<u>Chemical name:</u>	<u>Classification:</u>
134253-42-2	1-O-Methyl-beta-D-glucuronic acid, sodium salt	Non hazardous product

Section 3: Hazards Identification

This chemical has not been thoroughly examined. May cause eye and skin irritation. Material may be irritating to mucous membranes or the respiratory tract.

Potential Health Effects:

Eye May cause eye irritation
Skin May cause skin irritation
Ingestion May cause digestive tract irritation
Inhalation May cause respiratory irritation
Chronic Not available

Section 4: First Aid Measures

Eye: In case of contact wash with water for at least 15 minutes. Call a physician if irritation continues
Skin: In case of contact wash with soap and water. Call a physician if irritation continues.
Ingestion: If ingested wash mouth out with water. Call a physician. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, remove to fresh air. If not breathing give oxygen. Call a physician.

Section 5: Firefighting Measures

General: As with any fire wear breathing apparatus and protective clothing to prevent contact with skin
Extinguishing media: Use water, carbon dioxide, dry chemical powder, or foam.
Autoignition Temperature: Not available
Explosion Limits: Not to be considered an explosion risk.

Section 6: Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Sweep up spills and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Section 7: Storage

Keep in a tightly sealed container, refrigerate at 4° C. Protect from light.

Section 8: Personal Protection

Personal Respirators (NIOSH Approved): Wear a NIOSH/MSHA approved respirator.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

Section 9: Physical and Chemical Properties

Appearance: off white to light yellow crystalline powder

Odor: no characteristic odor

Boiling point: does not apply

Melting point: Not available

Solubility in water: soluble in water

Solubility other: Not available

Molecular Formula: C7H11O7Na

Molecular Weight: 230.15 g/mol

Section 10: Stability

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers, strong acids, and strong bases

Conditions to Avoid: Light and incompatibles.

Section 11: Toxicological Information

RTECS Not available

CAS No. [134253-42-2]

LD50/LC50 Not available

Carcinogenicity Not available.

Epidemiology Not available.

Teratogen Not available.

Reproductive Effects Not available.

Neurotoxicity Not available.

Mutagen Not available.

Other Studies Not available.

Section 12: Ecological Information

Ecotoxicity: Not available

Environmental Fate: Not available

Other: Not available

Section 13: Disposal Considerations

Dissolve or mix material with a combustible solvent and burn in a chemical incinerator.

Section 14: Transport Information

Not a DOT controlled material

Section 15: Regulatory Information

Federal and State Regulations: No specific regulations

International Regulations: No specific regulations

Other Regulations: No specific regulations

Section 16: Additional 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.

10/5/2010