



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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N-acetyl-D-[1-13C]glucosamine: sc-295646



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Product Name: N-acetyl-D-[1-13C]glucosamine
Catalog Number: sc-295646
Synonyms: 2-acetamido-2-deoxy-D-[1-13C]glucose
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. Hazards Identification

Emergency Overview

Caution! May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Potential Health Effects

Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause irritation of the digestive tract.
Inhalation: May cause respiratory tract irritation.

Medical Conditions Aggravated by Exposure: May cause more significant irritation in people with pre-existing conditions.

Target Organs: Unknown.

Section 3. Composition/Information on Ingredients

Component: N-acetyl-D-[1-13C]glucosamine
CAS#: 253679-94-6
NFPA Ratings: Unknown

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes.

Skin Contact: Wash skin with soap and water.

Inhalation: Move to fresh air. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water.

Section 5. Fire Fighting Measures

Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Protection of Firefighters: Wear self-contained breathing apparatus and protective clothing. Prevent contact with skin and eyes.

Section 6. Accidental Release Measures

Personal Precautions: Wear chemical safety goggles, protective clothing, gloves, and mask.

Methods for Containment: Reduce airborne dust and prevent scattering by moistening with water.

Methods for Clean-up: Sweep up material with non-sparking tool and place in sealed container for appropriate disposal. Wash spill site with water and ventilate area.

Section 7. Handling and Storage

Handling: Wash thoroughly with water after handling. Remove any contaminated clothing and wash before reuse. Use adequate ventilation and minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Keep away from heat, sparks, and flame. Keep in cool, dry, ventilated area in tightly closed container away from incompatible substances. Protect container from damage.

Section 8. Exposure Controls and Personal Protection

Exposure Guidelines

OSHA PEL: Unknown

ACGIH TLV: Unknown

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Eye/Face Protection: Wear chemical safety goggles.

Skin Protection: Wear chemical resistant gloves and protective clothing.

Respiratory Protection: Wear NIOSH approved respirator.

General Hygiene Considerations: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid breathing dust.

Section 9. Physical and Chemical Properties

Physical State	Powder	Odor	Unknown
pH	Unknown	Freezing Point	Unknown
Flash Point	Unknown	Flammability	Unknown
Vapor Density	Unknown	Molecular Weight	222.20 amu
Molecular Formula	13CC7H15NO6	Solubility in Water	Soluble in water
Melting Point	Unknown	Boiling Point	Unknown
Evaporation Rate	Unknown	Vapor Pressure	Unknown
Specific Gravity	Unknown		

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Heat, flame, ignition sources, dusting, and incompatibles.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Toxic fumes of carbon dioxide, carbon monoxide and nitrogen oxides upon heating.

Hazardous Polymerization: Will not occur.

Section 11. Toxicology Information

Acute Effects: Harmful by inhalation, ingestion, and skin absorption. May cause irritation.

Oral LD50: Unknown

Dermal LD50: Unknown

Chronic Effects: Repeated or prolonged exposure is not known.

Carcinogenicity: Unknown

Mutagenicity: Unknown

Reproductive Effects: Unknown

Developmental Effects: Unknown

Section 12. Ecological Information

Ecotoxicity: Unknown

Persistence/Degradability: The compound and its degradation products are not toxic.

Bioaccumulation/Accumulation: Unknown

Mobility in Environment: Unknown

Section 13. Disposal Considerations

Provided that rules of employment place, local, state and federal guidelines allow flushing down the drain, dissolve in water and dilute to a 5% solution. Adjust the pH to 7 if necessary and pour down the drain with running water. Flush the drain for an additional 10 minutes. If flushing down a drain is unsuitable, use a licensed waste disposal company. Observe all federal, state and local environmental regulations.

Section 14. Transportation Information

Ground: Non-hazardous for transport.

Sea: Non-hazardous for transport.

Air: Non-hazardous for transport.

Section 15. Regulatory Information

TSCA	Unknown	DSL	No
ECL	Unknown	PICCS	Unknown
ENCS	Unknown	AICS	Unknown
IECS	Unknown	EINECS	Unknown
SARA	No	CWA	Unknown
CAA	Unknown	WHMIS	Unknown

Section 16 – Other Information

Appendix

Definition of Abbreviations

ACGIH:	American Conference of Governmental Industrial Hygienists
AICS:	Australian Inventory of Chemical Substances
CAA:	Clean Air Act
CAS:	Chemical Abstracts Service
CWA:	Clean Water Act
DSL:	Domestic Substance List
ECL:	Korean Existing Chemicals List
EINECS:	European Inventory of Existing Chemical Substances
ENCS:	Existing and New Chemical Substances
IECS:	Chinese Inventory of Existing Chemical Substances
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety and Health Administration
PEL:	Permissible Exposure Limit
PICCS:	Philippine Inventory of Chemicals and Chemical Substances
SARA:	Superfund Amendments and Reauthorization Act of 1986
TLV:	Threshold Limit Value
TSCA:	Toxic Substances Control Act
WHMIS:	Workplace Hazardous Materials Information System

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.

4/17/2012