

D-Idose: sc-285368



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: D-Idose
Product Number: sc-285368
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

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component: D-Idose
CAS#: 5978-95-0

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.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Wear chemical safety goggles, protective clothing, gloves, and mask.

Methods for Containment:

Absorb product with inert material.

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.

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. Store at 4 °C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

Component: D-idose

CAS#: 5978-95-0

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid	Odor:	Unknown
pH:	Unknown	Freezing Point:	Unknown
Flash Point:	Unknown	Flammability:	Unknown
Vapor Density:	Unknown	Molecular Weight:	180.16
Molecular Formula:	C6H12O6	Solubility in Water:	Soluble
Melting Point:	Unknown	Boiling Point:	Unknown
Evaporation Rate:	Unknown	Vapor Pressure:	Unknown
Specific Gravity:	Unknown		

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 and carbon monoxide upon heating.

Hazardous Polymerization:

Will not occur.

11. TOXICOLOGICAL 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

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Unknown

Persistence/Degradability:

The compound and its degradation products are not toxic.

Bioaccumulation/Accumulation:

Unknown

Mobility in Environment:

Unknown

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.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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

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.

8/07/2014