

D-Allose-6-phosphate disodium salt hydrate: sc-285335



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: D-Allose-6-phosphate disodium salt hydrate

Product Number: sc-285335

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

Classification: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 or GHS.
Not a hazardous substance or mixture according to EC-Directives 67/548/EEC or 1999/45/EC.

Labeling and precautionary statements:

Caution - substance not fully tested.

Hazard statement(s):

Not required.

Precautionary statement(s):

Not required.

Hazard symbol(s):

Data not available.

R-phrase(s):

Data not available.

S-phrase(s):

Data not available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Molecular Formula: C₆H₁₃O₉PNa₂

Molecular weight: 304.10

<u>CAS-No.</u>	<u>EC-No.</u>	<u>Index-No.</u>	<u>Concentration</u>
D-Allose-6-phosphate disodium salt hydrate 82259-50-5	-	-	-

4. FIRST AID MEASURES

Eye contact: Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical aid immediately.

Skin contact: Get medical aid. Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.

Ingestion: Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious. Call a physician.

Notes to Physician: Treat symptomatically and supportively.

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, dry chemical, carbon dioxide, or alcohol-resistant foam.

6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions: Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid dust formation.

Environmental precautions: Do not let product enter the drains.

Spills/Leaks: Sweep up and place the material in appropriate container for disposal. Ventilate area, clean up spills and wash spill site after material pickup is complete, observing precautions in the Protective Equipment section.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Store in a cool, dry, well-ventilated area. Keep container tightly closed. Freeze. Keep cold. Store at room temperature. Store under inert gas. Hygroscopic. Moisture sensitive.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protection equipment:

Eye protection

Wear appropriate protective eyeglasses, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations.

Skin protection

Wear appropriate protective gloves to prevent skin exposure, as defined in EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Appropriate protective clothing, overalls.

Respiratory protection

Where risk assessment indicates air-purifying respirators are required use a dust mask type N95 (US) or type P1 (EN 143) respirator. Respirators and components must be tested and approved under appropriate government standards - NIOSH (US) or CEN (EU).

Hygiene measures: Use good working practices. Wash hands and face thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid	Odor	Data not available
Odor threshold	Data not available	pH	Data not available
Melting point	Data not available	Boiling point	Data not available
Flash point	Data not available	Evaporation rate	Data not available
Flammability	Data not available	Vapor pressure	Data not available
Flammability or explosive limits	Data not available	Vapor density	Data not available
Density	Data not available	Solubility	Data not available
Auto-ignition temperature	Data not available	Viscosity	Data not available
Decomposition temperature	Data not available	Partition coefficient n-octanol/water	Data not available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Data not available.

Incompatibilities with other materials: Strong oxidizing agents.

Hazardous decomposition products: Carbon oxides, phosphorous oxides, potassium oxides.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

RTCS #: Data not available.

Acute toxicity: Data not available.

Skin corrosion/irritation: Data not available.

Serious eye damage/eye irritation: Data not available.

Respiratory or skin sensitization: Data not available.

Germ cell mutagenicity: Data not available.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: Data not available.

Specific target organ toxicity - single exposure: Data not available.

Specific target organ toxicity - repeated exposure: Data not available.

Aspiration hazard: Data not available.

Signs and symptoms of exposure: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Potential health effects:

Eye	May cause eye irritation.
Skin	May be harmful by skin absorption. May cause skin irritation.
Ingestion	May be harmful if swallowed.
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Chronic	No information found.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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.

7/27/2012