

MATERIAL SAFETY DATA SHEET (MSDS)**D-GLUCOSE-6-PHOSPHATE DISODIUM SALT (FOR BIOCHEMISTRY)****1. Product Identification**

Product Name: D-Glucose 6-phosphate disodium salt

Synonyms: G-6-P-Na₂; glucose-6-phosphate Robison ester

CAS No.: 3671-99-6

Product Coad: G0103600005

Molecular Formula : C₆H₁₁O₉PNa₂·2H₂O
Molecular Weight : 340.13**2. Composition/Information on Ingredients**

Ingredient	CAS No	%	EINECS#
D-Glucose 6-phosphate disodium salt	3671-99-6	99	222-938-1

3. Hazards Identification

This substance is not classified as dangerous according to Directive 67/548/EEC.

4. First Aid Measures

Eyes: Flush eyes with water as a precaution.

Skin: Wash off with soap and plenty of water. Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration.

Notes to Physician:

5. Fire Fighting Measures

Extinguishing Media Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special Protective

Equipment For Firefighters:Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental Release Measures

Personal precautions: Avoid dust formation.

Environmental precautions:Do not let product enter drains.

Methods for cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Store in cool place.Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

Personal Protective

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Equipment Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand Protection: For prolonged or repeated contact use protective gloves.

Eye Protection: Safety glasses

Hygiene measures: General industrial hygiene practice.

9. Physical and Chemical Properties

Physical State: Hygroscopic crystalline powder

Colour: white

10. Stability and Reactivity

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products formed under fire conditions: Carbon oxides, Sodium/sodium oxides, Phosphorous oxides

Hazardous reactions: Will not occur

11. Toxicological Information

Acute toxicity: No data available

Irritation and corrosion: No data available

Sensitisation: No data available

Chronic exposure: No data available

Signs And Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Route Of Exposure

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed

12. Ecological Information

No data available

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Product: Observe all federal, state, and local environmental regulations.

Contaminated packaging: Dispose of as unused product.

14. Transport Information

Not regulated.

15. Regulatory Information

Labelling according to EC Directives

Further information: This substance is not classified as dangerous according to Directive 67/548/EEC.

16. Other Information

Product Use: Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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