

Material Safety Data Sheet (MSDS)

Product Name: Sodium Starch Glycolate BP Grade (Potato)

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd

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1. Identification of the Substance/Preparation and Company

- **Product Name:** Sodium Starch Glycolate BP Grade (Potato)
- **Synonyms:** Sodium Carboxymethyl Starch, Potato-based Disintegrant
- **CAS No.:** 9063-38-1
- **Molecular Formula:** Modified starch sodium salt
- **Recommended Use:** Pharmaceutical excipient (tablet disintegrant)

2. Hazard Identification

- Classified as **non-hazardous** according to GHS criteria
- **Health Hazards:** May cause mild irritation to eyes, skin, or respiratory tract upon excessive exposure
- **Environmental Hazards:** Not expected to be harmful
- **GHS Label Elements:** Not required

3. Composition / Information on Ingredients

- **Substance Name:** Sodium Starch Glycolate

- **Source:** Potato
 - **Purity:** BP Grade
 - **Hazardous Ingredients:** None
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4. First Aid Measures

- **Inhalation:** Move person to fresh air. Seek medical attention if symptoms persist
 - **Skin Contact:** Wash with soap and water
 - **Eye Contact:** Rinse cautiously with clean water for at least 15 minutes
 - **Ingestion:** Rinse mouth. No specific treatment required
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5. Fire Fighting Measures

- **Flammable:** No
 - **Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO₂
 - **Special Hazards:** Dust may form combustible mixture in air under extreme conditions
 - **Protective Equipment:** Self-contained breathing apparatus
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6. Accidental Release Measures

- Avoid dust formation
 - Sweep or vacuum material into suitable containers
 - Use appropriate PPE
 - Dispose according to local regulations
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7. Handling and Storage

- **Handling:** Handle in well-ventilated area. Avoid inhalation of dust
 - **Storage:** Store in cool, dry place in tightly closed containers
 - **Incompatibilities:** Strong oxidizing agents
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8. Exposure Controls / Personal Protection

- **Engineering Controls:** Adequate ventilation
 - **Personal Protective Equipment (PPE):**
 - Gloves
 - Safety goggles
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- Dust mask or respirator if required

9. Physical and Chemical Properties

- **Appearance:** White to off-white powder
- **Odour:** Odourless
- **Solubility:** Practically insoluble in water, swells rapidly
- **pH:** 5.5 – 7.5
- **Melting Point:** Not applicable
- **Bulk Density:** Complies with BP specifications

10. Stability and Reactivity

- **Stability:** Stable under normal conditions
- **Conditions to Avoid:** Excessive heat, moisture
- **Hazardous Decomposition Products:** None known
- **Reactivity:** No dangerous reactions known

11. Toxicological Information

- **Acute Toxicity:** Low toxicity
- **Skin Irritation:** Not expected
- **Eye Irritation:** Mild mechanical irritation possible
- **Chronic Effects:** No known long-term effects

12. Ecological Information

- **Ecotoxicity:** Not expected to be harmful
- **Biodegradability:** Biodegradable
- **Bioaccumulation:** Not expected

13. Disposal Considerations

- Dispose of material in accordance with local, regional, and national regulations
- Packaging should be disposed of after proper cleaning

14. Transport Information (DETAILED)

- **UN Number:** Not applicable
- **UN Proper Shipping Name:** Not regulated
- **Transport Hazard Class:** Not classified as hazardous
- **Packing Group:** Not applicable

Transport Regulations:

- **ADR/RID (Road/Rail):** Not regulated
- **IMDG (Sea):** Not regulated
- **IATA (Air):** Not regulated

Environmental Hazards:

- Not a marine pollutant
- No environmental hazard identified during transport

Special Transport Precautions:

- Avoid moisture exposure during transport
- Ensure containers are sealed and labeled properly
- Protect from physical damage and contamination

Bulk Transport:

- Not applicable

15. Regulatory Information

- Complies with **BP (British Pharmacopoeia)** standards
- Not listed as hazardous under major international chemical regulations

16. Other Information

- This information is based on current knowledge and is intended for safe handling, storage, and transportation
- It does not constitute a guarantee of product properties.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.