

Material Safety Data Sheet (MSDS)

Product Name: Pectin Powder Food Grade

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd
1101- City Centre 2,
Science City Road,
Sola Ahmedabad Gujarat,
India - 380060.

Contact No.: +91 97272 88479

Email: info@rawpharmabiz.com

Website: www.rawpharmabiz.com

1. Identification of the Substance/Preparation and Company

- **Product Name:** Pectin Powder – Food Grade
- **Synonyms:** Citrus Pectin, Apple Pectin
- **Chemical Nature:** Polysaccharide (complex carbohydrate)
- **Recommended Use:** Food additive, gelling agent, thickener, stabilizer

2. Hazard Identification

- **Classification:** Not classified as hazardous under GHS.
- **Hazards:** May cause mild eye or respiratory irritation due to dust.
- **Pictogram:** Not required.
- **Signal Word:** None.

3. Composition / Information on Ingredients

- **Product:** Pectin
 - **CAS Number:** 9000-69-5
 - **Purity:** Food Grade
 - **Nature:** Natural carbohydrate polymer extracted from fruits
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4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical attention if irritation persists.
 - **Skin Contact:** Wash with water; no severe effects expected.
 - **Eye Contact:** Rinse with clean water for several minutes.
 - **Ingestion:** Non-toxic; rinse mouth with water if discomfort occurs.
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical.
 - **Special Hazards:** Dust may form explosive mixture with air.
 - **Protective Equipment:** Use protective gear and avoid dust clouds.
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6. Accidental Release Measures

- Avoid creating dust.
 - Sweep up and place in appropriate container.
 - Ensure adequate ventilation.
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7. Handling and Storage

- **Handling:** Avoid dust generation; use proper ventilation.
 - **Storage:** Store in cool, dry place in sealed containers.
 - **Conditions to Avoid:** Moisture, heat, and airborne dust.
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8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not established.
 - **Personal Protection:**
 - Dust mask recommended.
 - Safety glasses for dusty conditions.
 - Gloves optional (for hygiene).
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9. Physical and Chemical Properties

- **Appearance:** Light cream to off-white powder
 - **Odor:** Odorless
 - **Solubility:** Soluble in water
 - **pH (1% Solution):** 3.0–4.5
 - **Melting Point:** Not applicable
 - **Bulk Density:** 0.3 – 0.6 g/cm³
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10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
 - **Incompatible Materials:** Strong oxidizers.
 - **Hazardous Decomposition:** CO₂, CO on burning.
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11. Toxicological Information

- **Toxicity:** Non-toxic; widely used in food.
 - **Irritation:** May cause mild eye or respiratory irritation from dust.
 - **Sensitization:** Not known to cause sensitization.
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12. Ecological Information

- **Environmental Impact:** Biodegradable; low environmental hazard.
- **Aquatic Toxicity:** Not harmful to aquatic life.

13. Disposal Considerations

- Dispose of in accordance with local regulations.
- Non-hazardous; normal waste disposal acceptable.

14. Transport Information (Detailed)

Pectin Powder – Food Grade is NOT regulated as a hazardous material for transport.

UN Classification:

- **UN Number:** Not applicable
- **UN Proper Shipping Name:** Not regulated
- **Hazard Class:** Not applicable
- **Packing Group:** Not applicable

Transport by Road (ADR/RID):

- Not classified as dangerous goods.
- No special precautions required.
- Ensure packaging is sealed to avoid dust release.

Transport by Sea (IMDG):

- Not dangerous under IMDG Code.
- No marine pollutant classification.
- Store away from moisture during shipment.

Transport by Air (ICAO/IATA):

- Not classified as hazardous.
- Can be transported freely.
- Keep packaging intact to prevent powder leakage.

Additional Transport Notes:

- Product should be stored in moisture-proof packaging during transit.
- Avoid placing heavy loads over the product to prevent package rupture.
- No labeling or hazard markings required.

15. Regulatory Information

- Food-grade material compliant with general food safety regulations.
- Not listed as hazardous under global chemical inventories.

16. Other Information

- The information is based on current knowledge and is intended for safety guidance.
- Users should ensure suitability for their specific applications.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.