

# Material Safety Data Sheet (MSDS)

**Product Name:** Flax Seed powder

**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:** Flax Seed Powder
- **Synonyms:** Linseed Powder
- **Chemical Family:** Natural Plant Product
- **Recommended Use:** Food ingredient, dietary supplement, nutraceutical formulations

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## 2. Hazard Identification

- **GHS Classification:** Not classified as hazardous.
- **Physical Hazards:** None known.
- **Health Hazards:** May cause mild irritation to eyes or respiratory tract if inhaled as dust.
- **Environmental Hazards:** Not considered hazardous to the environment.
- **Label Elements:** None required.
- **Signal Word:** None

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### 3. Composition / Information on Ingredients

Flax Seed Powder is a 100% natural product obtained from the seeds of *Linum usitatissimum*.

It contains no additives, preservatives, or synthetic chemicals.

**CAS Number:** 8001-26-1

**Purity:** 100% Flax Seed Powder (Food Grade)

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### 4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical advice if irritation persists.
  - **Skin Contact:** Wash with soap and water.
  - **Eye Contact:** Rinse immediately with water for several minutes; remove contact lenses if present.
  - **Ingestion:** Non-toxic; rinse mouth and drink water if discomfort occurs.
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### 5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry powder, foam, or CO<sub>2</sub>.
  - **Unsuitable Extinguishing Media:** None known.
  - **Special Hazards:** Dust may form explosive mixture with air under certain conditions.
  - **Protective Equipment:** Firefighters should wear protective clothing and self-contained breathing apparatus.
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### 6. Accidental Release Measures

- **Personal Precautions:** Avoid dust generation and inhalation. Use personal protective equipment.
  - **Environmental Precautions:** Prevent large amounts from entering drains or waterways.
  - **Clean-Up Methods:** Sweep up and collect into containers for disposal.
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### 7. Handling and Storage

- **Handling:** Avoid dust formation; handle in well-ventilated areas.
- **Storage:** Store in cool, dry place away from moisture, direct sunlight, and strong odors.
- **Shelf Life:** 12–24 months under proper storage conditions.

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## 8. Exposure Controls / Personal Protection

- **Engineering Controls:** Ensure adequate ventilation.
- **Personal Protection:**
  - **Respiratory Protection:** Dust mask if airborne particles are present.
  - **Eye Protection:** Safety goggles.
  - **Skin Protection:** Gloves and clean clothing.

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## 9. Physical and Chemical Properties

Appearance: Fine brownish powder

Odor: Characteristic nutty odor

Solubility: Insoluble in water

pH (10% solution): 6.0 – 7.5

Bulk Density: 0.4 – 0.6 g/cm<sup>3</sup>

Moisture Content: ≤ 8%

Flash Point: Not applicable

Boiling/Melting Point: Not applicable

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## 10. Stability and Reactivity

- **Chemical Stability:** Stable under recommended conditions.
- **Conditions to Avoid:** Excessive heat, moisture, open flames.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** None under normal conditions.

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## 11. Toxicological Information

- **Acute Toxicity:** Non-toxic.
- **Skin Corrosion/Irritation:** Non-irritant.
- **Eye Irritation:** Mild irritation possible.
- **Sensitization:** Not expected.
- **Carcinogenicity/Mutagenicity/Reproductive Toxicity:** Not known.

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## 12. Ecological Information

- **Eco-toxicity:** Non-toxic to aquatic or terrestrial life.
- **Persistence and Degradability:** Biodegradable.
- **Bioaccumulation:** Not expected.
- **Mobility in Soil:** Low mobility.

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## 13. Disposal Considerations

- **Product Disposal:** Dispose of as per local regulations. Non-hazardous waste.
- **Packaging Disposal:** Clean containers may be recycled or reused.

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## 14. Transport Information (Detailed, Without Table)

Flax Seed Powder is **not classified as a hazardous material** for any mode of transport, including road, rail, air, or sea.

It does not have a UN number or any assigned transport hazard class or packing group.

The product should be transported in clean, sealed, and moisture-proof packaging to prevent contamination and spillage.

During road or rail transport, ensure containers are properly closed and protected from physical damage or moisture.

For sea transport (IMDG Code), the material is not subject to any marine pollutant regulations.

For air transport (IATA/ICAO), no special labeling or handling precautions are required.

There are no environmental hazards associated with the product during transport.

General good handling and storage practices should be followed to maintain product quality and prevent leakage.

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## 15. Regulatory Information

- **Regulation Compliance:** Complies with Food Safety and Standards (India) and GHS guidelines.
  - **Labeling Requirements:** None for non-hazardous food-grade material.
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## 16. Other Information

- **Disclaimer:** The information provided is based on data considered accurate and reliable. However, no warranty is expressed or implied. The user is responsible for ensuring safe handling under local regulations.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** [www.rawpharmabiz.com](http://www.rawpharmabiz.com)
- MSDS are based on the manufacturer's provided information.