

# Material Safety Data Sheet (MSDS)

**Product Name:** Moringa Oleifera Seed Extract Powder 20:1

**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](mailto:info@rawpharmabiz.com)

**Website:** [www.rawpharmabiz.com](http://www.rawpharmabiz.com)

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## 1. Identification of the Substance/Preparation and Company

**Product Name:** Moringa Oleifera Seed Extract Powder 20:1

**Synonyms:** Moringa Seed Extract, Drumstick Seed Extract

**Use:** Nutraceutical, dietary supplements, herbal formulations, cosmetics, functional foods.

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## 2. Hazard Identification

- Non-hazardous natural product.
- Not classified as dangerous according to GHS.
- Potential hazards: mild dust irritation to eyes, skin, or respiratory system.
- **GHS Classification:** Not classified
- **Signal Word:** None
- **Hazard Statements:** Not applicable
- **Precautionary Statements:** Avoid creating excessive dust; use proper ventilation.

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### 3. Composition / Information on Ingredients

- **Product:** Moringa Oleifera Seed Extract Powder
- **Botanical Source:** *Moringa oleifera*
- **Plant Part Used:** Seeds
- **Extract Ratio:** 20:1
- **Appearance:** Fine light brown to brown powder
- **Purity:** ≥ 98% natural extract (typical)
- **Additives:** None / As per supply specifications (if any)

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### 4. First Aid Measures

**Inhalation:** Move to fresh air; seek medical attention if irritation persists.

**Skin Contact:** Wash with water; discontinue use if irritation occurs.

**Eye Contact:** Rinse immediately with plenty of clean water for at least 15 minutes.

**Ingestion:** Rinse mouth with water; non-toxic but seek help if discomfort occurs.

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### 5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, CO<sub>2</sub>, foam.
- **Specific Hazards:** Organic powder may form combustible dust clouds.
- **Protective Gear:** Firefighters should wear protective clothing and breathing apparatus.

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### 6. Accidental Release Measures

- Avoid dust formation.
- Sweep or vacuum using equipment with a HEPA filter.
- Avoid water wash-off into drains.
- Use protective gloves and mask.

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### 7. Handling and Storage

**Handling:**

- Avoid dust inhalation.
- Use with adequate ventilation.

**Storage:**

- Store in a cool, dry place away from moisture and direct sunlight.
- Keep container tightly closed.
- Recommended storage temperature: < 25°C.

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## 8. Exposure Controls / Personal Protection

**Respiratory Protection:** Dust mask (N95) if dust levels are high.

**Eye Protection:** Safety goggles.

**Skin Protection:** Gloves recommended.

**Engineering Controls:** Local exhaust ventilation when handling bulk powder.

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## 9. Physical and Chemical Properties

- **Appearance:** Light brown to brown fine powder
- **Odor:** Characteristic herbal
- **Solubility:** Partially soluble in water
- **Bulk Density:** Varies (0.40–0.60 g/ml typical)
- **Melting Point:** Not applicable
- **Flash Point:** Not applicable
- **pH (1% solution):** 5.0–7.0

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## 10. Stability and Reactivity

- Stable under normal storage conditions.
- Avoid excessive heat, light, and moisture.
- No dangerous reactions known.
- Avoid oxidizing agents.

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## 11. Toxicological Information

- Non-toxic natural product.
- **Acute Toxicity:** No data indicating harmful effects.
- **Skin Irritation:** Mild, possible.
- **Eye Irritation:** Mild, possible.
- **Inhalation:** Dust may cause slight irritation.

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## 12. Ecological Information

- Biodegradable natural plant extract.
- Low ecological impact.
- Avoid large releases into waterways.

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## 13. Disposal Considerations

- Dispose of waste in accordance with local regulations.
- Treat as non-hazardous organic waste.
- Avoid disposal in open water bodies.

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## 14. Transport Information (Detailed Information)

**UN Number:** Not applicable – product is not classified as hazardous.

**UN Proper Shipping Name:** Not regulated.

**Transport Hazard Class:** Not applicable – non-hazardous.

**Packing Group:** Not applicable.

**Environmental Hazards:** Not considered a marine pollutant or environmentally hazardous material.

**Transport in Bulk (IMDG/IMO):** Not restricted.

**Special Precautions for User:**

- Ensure packaging is sealed to prevent moisture absorption and dust release.

- Keep away from strong-smelling or contaminant materials during transport.
  - Maintain upright pallet storage and prevent compression damage.
- Applicable Modes:**

- **Air Transport (IATA):** Not restricted—can be shipped as general cargo.
- **Sea Transport (IMDG):** Not restricted—no special labeling required.
- **Road/Rail Transport (ADR/RID):** Not regulated as hazardous.

This material is safe for international transport under standard conditions.

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## 15. Regulatory Information

- Not classified as hazardous under GHS guidelines.
- No special labeling required.
- Complies with natural extract regulations for food and herbal ingredients (country-specific limitations may apply).

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## 16. Other Information

- This MSDS is prepared based on available scientific, safety, and supplier data.
- Intended for industrial, manufacturing, and bulk handling use.
- Users must evaluate suitability for their specific application.
- Keep MSDS for reference during storage, handling, and transportation.
- **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.