

Material Safety Data Sheet (MSDS)

Product Name: Moringa Dry Extract 5:1

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd
1101- City Centre 2,
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1. Identification of the Substance/Preparation and Company

- **Product Name:** Moringa Dry Extract 5:1
- **Synonyms:** Moringa oleifera Extract
- **CAS Number:** Not assigned (Herbal extract)
- **EINECS Number:** Not applicable
- **Recommended Use:** Dietary supplement, nutraceutical, herbal formulations

2. Composition / Information on Ingredients

- **Main Component:** Moringa oleifera leaf extract
- **Content:** 100%
- **Hazard Classification:** Non-hazardous

3. Hazards Identification

- **Classification:** Non-hazardous under normal conditions.
 - **Potential Health Effects:**
 - Inhalation: May cause mild irritation of respiratory tract if dusty.
 - Skin Contact: Generally non-irritant, may cause minor irritation in sensitive skin.
 - Eye Contact: May cause mild irritation.
 - Ingestion: Non-toxic in typical use doses.
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4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical advice if symptoms persist.
 - **Skin Contact:** Wash with soap and water.
 - **Eye Contact:** Rinse thoroughly with water for at least 15 minutes.
 - **Ingestion:** Drink plenty of water. Seek medical advice if discomfort occurs.
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5. Firefighting Measures

- **Extinguishing Media:** Water spray, foam, dry chemical powder, CO₂.
 - **Special Hazards:** Carbon oxides may form on combustion.
 - **Protective Equipment:** Wear self-contained breathing apparatus and protective clothing.
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6. Accidental Release Measures

- Avoid dust formation.
 - Sweep or vacuum to clean up.
 - Dispose of in accordance with local regulations.
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7. Handling and Storage

- Store in a cool, dry, and well-ventilated area.
- Keep containers tightly closed.
- Avoid direct sunlight and moisture.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Ensure good ventilation.
- **Personal Protection:**
 - Respiratory: Dust mask if handling large quantities.
 - Skin: Gloves recommended.
 - Eyes: Safety goggles if dust is present.

9. Physical and Chemical Properties

- **Appearance:** Fine powder
- **Color:** Light green to greenish-brown
- **Odor:** Characteristic herbal
- **Solubility:** Soluble in water and ethanol
- **pH:** 5–7 (1% aqueous solution)
- **Melting Point:** Not applicable

10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Incompatibility:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** CO, CO₂ upon combustion.

11. Toxicological Information

- **Acute Toxicity:** Non-toxic
- **Chronic Toxicity:** Not reported
- **Irritation:** Mild if exposed in large quantities
- **Carcinogenicity / Mutagenicity:** None reported

12. Ecological Information

- Biodegradable.
- No known significant environmental hazards.

13. Disposal Considerations

- Dispose of according to local, regional, and national regulations.
- Avoid discharge into waterways.

14. Transport Information (Detailed)

UN Number: Not regulated for transport

UN Proper Shipping Name: Not applicable

Transport Hazard Class: Not classified as hazardous

Packing Group: Not applicable

Environmental Hazards: Non-hazardous to the environment

Transport Precautions:

- Protect from moisture and direct sunlight during transport.
- Use closed containers to prevent spillage or dust formation.
- Handle with care to avoid breaking or tearing the packaging.

Mode-Specific Details:

- **Road/Rail:** Use standard cargo transport. Ensure pallets are stable.
- **Sea:** Store in a dry, ventilated cargo hold. Avoid exposure to seawater.
- **Air:** Can be shipped as general cargo. Ensure containers are secure and free from leakage.

Regulatory Compliance: Complies with international transport regulations for non-hazardous herbal products.

15. Regulatory Information

- Complies with local herbal product regulations.
- Non-hazardous under OSHA, EU, and Indian safety standards.

16. Other Information

- **Disclaimer:** The information provided is based on current knowledge and relates only to the specific material designated.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.