

Material Safety Data Sheet (MSDS)

Product Name: Monk Fruit Extract Powder 10%

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: Monk Fruit Extract Powder 10%

Synonyms: Luo Han Guo Extract, Siraitia Grosvenorii Extract

Chemical Formula: Mixture of natural compounds (mainly mogrosides)

CAS Number: 88901-36-4

Molecular Weight: Not applicable (mixture)

2. Hazard Identification

- **Classification:** Not classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP).
- **Physical Hazards:** None known.
- **Health Hazards:** May cause mild irritation to eyes or respiratory tract if inhaled as dust.
- **Environmental Hazards:** Not expected to be hazardous to the environment.
- **GHS Label Elements:**

- **Signal Word:** None
- **Hazard Statements:** Not hazardous.
- **Precautionary Statements:** Avoid dust generation; use in well-ventilated area.

3. Composition / Information on Ingredients

Substance: Monk Fruit Extract (Natural)

Main Component: Mogrosides (Natural sweet compounds)

Purity: ≥ 98%

Other Ingredients: Natural plant compounds, carbohydrates, moisture

4. First Aid Measures

- **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present.
- **Skin Contact:** Wash with soap and water. Seek medical advice if irritation develops.
- **Inhalation:** Move to fresh air. Seek medical attention if breathing difficulty occurs.
- **Ingestion:** Non-toxic. Rinse mouth and drink water if large quantities are swallowed.

5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, CO₂, or foam.
- **Specific Hazards:** Product may form combustible dust clouds.
- **Protective Equipment:** Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

- Avoid dust formation.
- Sweep up and collect in suitable container for disposal.
- Ensure good ventilation during cleanup.
- Prevent from entering drains or watercourses.

7. Handling and Storage

- **Handling:** Avoid inhalation of dust. Use in well-ventilated area.
- **Storage:** Store in tightly sealed containers, away from moisture, direct sunlight, and heat sources.
- **Recommended Storage Temperature:** Below 25°C in a cool, dry place.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Use local exhaust ventilation to minimize dust.
- **Personal Protective Equipment (PPE):**
 - **Respiratory Protection:** Dust mask if airborne dust is generated.
 - **Eye Protection:** Safety goggles.
 - **Skin Protection:** Gloves and protective clothing.

9. Physical and Chemical Properties

- **Appearance:** Off-white to light brown powder
- **Odor:** Characteristic sweet odor
- **Taste:** Very sweet
- **Solubility:** Soluble in water
- **Melting Point:** Not applicable
- **pH (1% solution):** 5.0 – 7.0
- **Bulk Density:** 0.45 – 0.65 g/cm³
- **Flash Point:** Not applicable
- **Boiling Point:** Not applicable

10. Stability and Reactivity

- **Chemical Stability:** Stable under recommended conditions.

- **Conditions to Avoid:** Excessive heat, moisture, and direct sunlight.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Carbon oxides may form under fire conditions.

11. Toxicological Information

- **Acute Toxicity:** Non-toxic.
- **Skin Corrosion/Irritation:** Not irritating.
- **Serious Eye Damage/Irritation:** Mild irritation possible from dust.
- **Respiratory Sensitization:** Dust may cause mild irritation.
- **Carcinogenicity / Mutagenicity / Reproductive Toxicity:** No data indicating harmful effects.

12. Ecological Information

- **Ecotoxicity:** Not expected to be harmful to aquatic life.
- **Persistence and Degradability:** Biodegradable.
- **Bioaccumulative Potential:** Low.
- **Mobility in Soil:** Not significant.
- **Other Adverse Effects:** None known.

13. Disposal Considerations

- Dispose of in accordance with local, state, and national regulations.
- Avoid discharge into drains or natural waterways.
- Can be disposed of as non-hazardous organic waste.

14. Transport Information

- **UN Number:** Not applicable
- **UN Proper Shipping Name:** Monk Fruit Extract Powder (Non-Hazardous)

- **Transport Hazard Class:** Not regulated
- **Packing Group:** Not applicable
- **Label Requirements:** None required (non-hazardous product)
- **Environmental Hazards:** Not environmentally hazardous
- **Special Precautions for User:**
 - Avoid moisture exposure during transport.
 - Keep containers sealed and upright to prevent spillage.
 - Avoid transporting with strong oxidizing materials.
- **Transport in Bulk (Annex II of MARPOL / IBC Code):** Not applicable
- **Mode-Specific Guidance:**
 - **By Road (ADR/RID):** Not regulated, transport in covered vehicle.
 - **By Air (IATA):** Non-hazardous – no restrictions.
 - **By Sea (IMDG):** Non-hazardous, store in dry container.
 - **By Rail:** No special precautions required.

15. Regulatory Information

- Not classified as hazardous under any international regulation.
- Complies with FDA and EFSA regulations for food ingredients.
- No restriction for transport or storage under GHS guidelines.

16. Other Information

- **Intended Use:** Natural sweetener for food, beverage, and nutraceutical applications.
- **Disclaimer:** The information provided is based on current knowledge and experience.

The data is intended for guidance only and does not constitute a warranty. Users should make their own risk assessment before use.

- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024

- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.