

Material Safety Data Sheet (MSDS)

Product Name: African Mango Seed Extract 7%

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

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1. Identification of the Substance/Preparation and Company

Product Name: African Mango Seed Extract 7%

Synonyms: Irvingia gabonensis Extract, Wild Mango Extract

Recommended Use: Nutraceutical, dietary supplement, functional food ingredient, herbal extract for weight management formulations.

2. Hazard Identification

Classification: Not classified as hazardous under GHS criteria.

Physical Hazards: None known.

Health Hazards: May cause mild irritation to eyes, skin, or respiratory tract upon excessive exposure.

Environmental Hazards: Not classified as hazardous to the environment.

Signal Word: None

Hazard Statements:

- H303: May be harmful if swallowed in large quantities.
- H315: May cause mild skin irritation.

Precautionary Statements:

- P264: Wash hands after handling.
 - P280: Wear protective gloves and eye protection if handling in bulk.
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3. Composition / Information on Ingredients

Chemical Name: African Mango Seed Extract (*Irvingia gabonensis*)

Purity / Active Content: 7% standardized extract

CAS Number: Not available

EC Number: Not assigned

Nature of Product: Natural plant-derived powder

4. First Aid Measures

Eye Contact: Rinse immediately with plenty of water for several minutes. Seek medical advice if irritation persists.

Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.

Inhalation: Move to fresh air. If breathing difficulty occurs, get medical assistance.

Ingestion: Rinse mouth with water. Seek medical attention if large quantities are swallowed or if discomfort occurs.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Water spray, dry chemical, CO₂, or foam.

Unsuitable Media: None known.

Specific Hazards: May emit carbon oxides under fire conditions.

Protective Equipment: Firefighters should wear self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Personal Precautions: Avoid dust formation. Wear protective equipment.

Environmental Precautions: Prevent entry into waterways or drains.

Methods for Cleaning Up: Sweep or vacuum up material and place in a suitable disposal container. Avoid raising dust.

7. Handling and Storage

Handling: Avoid breathing dust. Handle in accordance with good hygiene and safety practices.

Storage: Store in a cool, dry, and well-ventilated place. Keep container tightly closed and protected from light and moisture.

Recommended Storage Temperature: 15–25°C

8. Exposure Controls / Personal Protection

Exposure Limits: Not established.

Engineering Controls: Use local exhaust ventilation if dust is generated.

Personal Protective Equipment:

- **Respiratory Protection:** Dust mask recommended.
 - **Eye Protection:** Safety goggles.
 - **Skin Protection:** Gloves and lab coat.
 - **Hygiene Measures:** Wash hands before eating or smoking.
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9. Physical and Chemical Properties

Appearance: Light brown to tan free-flowing powder

Odor: Characteristic herbal odor

Solubility: Partially soluble in water

pH (1% solution): 4.0 – 7.0

Melting Point: Not applicable (decomposes)

Flash Point: Not applicable

Bulk Density: 0.4 – 0.7 g/cm³

10. Stability and Reactivity

Stability: Stable under normal storage conditions.

Conditions to Avoid: Excessive heat, moisture, and direct sunlight.

Incompatible Materials: Strong oxidizing agents.

Decomposition Products: Carbon monoxide, carbon dioxide, organic vapors.

11. Toxicological Information

Acute Toxicity: No data available; considered non-toxic at typical usage levels.

Skin Irritation: Mild, temporary irritation possible.

Eye Irritation: Mild irritation possible.

Inhalation: Dust may cause temporary respiratory irritation.

Carcinogenicity / Mutagenicity / Reproductive Toxicity: No evidence found.

12. Ecological Information

Eco-toxicity: Not expected to be harmful to aquatic or terrestrial organisms.

Persistence and Degradability: Biodegradable.

Bioaccumulative Potential: Low.

Mobility in Soil: Low mobility due to organic nature.

13. Disposal Considerations

Waste Disposal Methods: Dispose of in accordance with local, regional, and national regulations.

Contaminated Packaging: Dispose as per product waste.

14. Transport Information (Detailed)

UN Number: Not applicable (non-hazardous material)

UN Proper Shipping Name: African Mango Seed Extract 7%

Transport Hazard Class: Not classified as dangerous for transport.

Packing Group: Not applicable

Environmental Hazards: Not environmentally hazardous

Special Precautions for User:

- Avoid contact with moisture during transport.
- Ensure containers are well sealed and properly labeled.
- Protect from direct sunlight and mechanical damage.

Transport in Bulk (Annex II MARPOL / IBC Code): Not regulated.

Regulatory Transport Information:

- **Road (ADR/RID):** Not restricted.
- **Air (IATA/ICAO):** Not restricted; pack securely in sealed containers.
- **Sea (IMDG):** Not restricted; ensure packaging prevents moisture absorption.
- **Domestic Transport:** Follow general good transport practice for dry plant-based powders.

Storage During Transit:

Keep in a cool, dry, and clean environment. Avoid prolonged exposure to humidity or temperature above 30°C. Ensure secondary containment if shipping in bulk quantities.

15. Regulatory Information

Regulatory Status: Not regulated as a hazardous material under GHS, REACH, or other applicable standards.

Safety, Health, and Environmental Regulations: Complies with general safety regulations for herbal extracts.

16. Other Information

Disclaimer:

The information provided in this MSDS is believed to be accurate and reliable as of the revision date. The user is responsible for determining suitability of this product for specific applications and ensuring compliance with applicable laws and regulations.

- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.