

Material Safety Data Sheet (MSDS)

Product Name: Stevia Extract 97%

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

Website: www.rawpharmabiz.com

1. Identification of the Substance/Preparation and Company

- **Product Name:** Stevia Extract 97%
- **Synonyms:** Steviol glycosides, Stevia Rebaudiana extract
- **CAS Number:** 57817-89-7
- **EC Number:** Not available

2. Composition/Information on Ingredients

Stevia Extract 97% is primarily composed of steviol glycosides (including Rebaudioside A), which account for 97% of the product. It is a food-grade substance and is not classified as hazardous.

3. Hazard Identification

- **Emergency Overview:** Non-toxic, odorless, sweet-tasting powder. Non-flammable.
- **Health Hazards:** Generally recognized as safe (GRAS).
- **Environmental Hazards:** Not expected to be harmful to aquatic life.

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse thoroughly with water for 15 minutes.
- **Ingestion:** Rinse mouth and drink water. Seek medical attention if large quantities are ingested.

5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, foam, CO₂.
- **Unsuitable Extinguishing Media:** None known.
- **Special Hazards:** May emit smoke and toxic fumes on combustion.
- **Protective Equipment:** Wear self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

- **Personal Precautions:** Avoid inhalation or contact with eyes.
- **Environmental Precautions:** Prevent discharge into waterways.
- **Methods for Cleaning Up:** Sweep up or vacuum powder carefully and place in a suitable container.

7. Handling and Storage

- **Handling:** Avoid dust generation. Use with adequate ventilation.
- **Storage:** Store in a cool, dry, and well-ventilated area, away from incompatible substances.
- **Packaging Material:** Sealed, food-grade containers.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Use local exhaust ventilation if dust is generated.
- **Personal Protective Equipment (PPE):**
 - Gloves: Suitable chemical-resistant gloves
 - Eyes: Safety glasses or goggles

- Respiratory: Dust mask if high dust exposure

9. Physical and Chemical Properties

- **Appearance:** White to off-white crystalline powder
- **Odor:** Odorless
- **Taste:** Sweet
- **pH:** 5–7 (1% solution)
- **Melting Point:** Decomposes above 200°C
- **Solubility:** Soluble in water, slightly soluble in ethanol

10. Stability and Reactivity

- **Stability:** Stable under normal storage conditions
- **Conditions to Avoid:** Excessive heat, moisture
- **Materials to Avoid:** Strong oxidizers
- **Hazardous Decomposition Products:** Carbon oxides on burning

11. Toxicological Information

- **Acute Toxicity:** Low toxicity; oral LD50 not established for humans
- **Skin Irritation:** Non-irritant
- **Eye Irritation:** May cause mild irritation
- **Chronic Effects:** No known long-term effects

12. Ecological Information

- **Biodegradability:** Readily biodegradable
- **Aquatic Toxicity:** Expected to be low
- **Environmental Fate:** Minimal bioaccumulation

13. Disposal Considerations

- Dispose of according to local regulations.
- Avoid release into waterways.

- Incineration or landfill in approved facilities is recommended.

14. Transport Information (Detailed)

- **UN Number:** Not regulated
- **UN Proper Shipping Name:** Not classified as hazardous
- **Transport Hazard Class:** Not applicable
- **Packing Group:** Not applicable
- **Environmental Hazards:** Non-hazardous for transport
- **Transport Modes:** Can be transported by road, rail, sea, or air without special precautions
- **Handling During Transport:** Avoid moisture and contamination; keep container tightly closed
- **Labeling Requirements:** No special labeling required for transport; standard product name and batch information sufficient
- **ADR/RID (Road/Rail Transport):** Not restricted
- **IMDG (Sea Transport):** Not restricted
- **IATA (Air Transport):** Not restricted
- **Precautions for Transport Personnel:** Standard hygiene practices; avoid inhalation of dust
- **Special Transport Notes:** Ensure containers are secured to prevent spilling or tipping.

15. Regulatory Information

- **Food-Grade Status:** GRAS (Generally Recognized As Safe)
- **Compliance:** Complies with FDA, EFSA, and FSSAI regulations
- **Hazard Classification:** Not classified as hazardous

16. Other Information

- **Disclaimer:** Information provided is based on current knowledge. Users should confirm suitability for their intended 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.