

Material Safety Data Sheet (MSDS)

Product Name: Organic Guar Gum without TC Food Grade

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:** Organic Guar Gum (Without TC) Food Grade
- **Synonyms:** Guaran, Guar Flour
- **CAS No.:** 9000-30-0
- **Molecular Formula:** $(C_6H_{10}O_5)_n$
- **Recommended Use:** Food thickener, stabilizer, emulsifier, pharmaceutical excipient, cosmetic and industrial applications

2. Hazard Identification

- Product is **not classified as hazardous** under GHS.
- **Potential Hazards:**
 - Dust may cause mild irritation to eyes and respiratory tract
 - Prolonged inhalation of fine powder may cause discomfort
- **GHS Classification:** Not Hazardous
- **Signal Word:** None

3. Composition / Information on Ingredients

- **Substance:** Organic Guar Gum
- **Purity:** ≥ 95%
- **Nature:** Natural polysaccharide obtained from guar beans
- **Additives:** None (Without TC – no preservatives or treatments)

4. First Aid Measures

- **Inhalation:** Move person to fresh air. Seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse cautiously with clean water for several minutes.
- **Ingestion:** Rinse mouth. Drink water. No immediate medical attention required under normal conditions.

5. Fire Fighting Measures

- **Flammability:** Not flammable, but dust may burn under extreme conditions
- **Suitable Extinguishing Media:** Water spray, dry chemical, CO₂, foam
- **Hazardous Combustion Products:** Carbon oxides
- **Protective Equipment:** Self-contained breathing apparatus if dust is involved

6. Accidental Release Measures

- Avoid dust formation
- Sweep or vacuum material and place in suitable containers
- Wear protective mask in dusty conditions
- Dispose of waste according to local regulations

7. Handling and Storage

- **Handling:**
 - Avoid creating airborne dust
 - Use in well-ventilated areas
- **Storage:**
 - Store in a cool, dry place
 - Keep containers tightly closed

- Protect from moisture and direct sunlight

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Adequate ventilation
- **Personal Protective Equipment (PPE):**
 - Dust mask (if required)
 - Safety goggles
 - Gloves for prolonged handling
- **Exposure Limits:** Not established

9. Physical and Chemical Properties

- **Appearance:** Off-white to pale yellow powder
- **Odor:** Odorless
- **Taste:** Bland
- **Solubility:** Dispersible in cold water, soluble in hot water
- **pH (1% solution):** 5.0 – 7.0
- **Bulk Density:** 0.6 – 0.9 g/cm³
- **Melting Point:** Not applicable

10. Stability and Reactivity

- **Stability:** Stable under normal conditions
- **Reactivity:** No known hazardous reactions
- **Conditions to Avoid:** Excess moisture, dust clouds
- **Incompatible Materials:** Strong oxidizing agents

11. Toxicological Information

- **Acute Toxicity:** Non-toxic
- **Skin Irritation:** Not irritating
- **Eye Irritation:** Mild irritation possible with dust
- **Chronic Effects:** No known long-term adverse effects
- **Carcinogenicity:** Not listed by IARC, NTP, OSHA

12. Ecological Information

- **Biodegradability:** Biodegradable
- **Ecotoxicity:** No adverse environmental effects known
- **Persistence:** Low
- **Bioaccumulation:** Not expected

13. Disposal Considerations

- Dispose of in accordance with local, state, and national regulations
- Product residues may be disposed of as non-hazardous waste
- Avoid release into drains in large quantities

14. Transport Information (Detailed)

- **UN Number:** Not Applicable
- **UN Proper Shipping Name:** Not Regulated
- **Transport Hazard Class:** None
- **Packing Group:** Not Applicable

Mode-wise Transport Classification:

- **Road Transport (ADR/RID):** Not classified as dangerous goods
- **Sea Transport (IMDG):** Not regulated
- **Air Transport (IATA):** Not regulated

Special Transport Precautions:

- Transport in sealed, moisture-proof bags or containers
- Protect packages from water, humidity, and physical damage
- Avoid excessive dust generation during loading/unloading

Environmental Hazards:

- Not a marine pollutant

15. Regulatory Information

- **Food Regulations:** Complies with food-grade standards
- **GRAS Status:** Generally Recognized as Safe
- **Chemical Inventory:** Listed or exempt
- **Labeling:** No hazard labeling required

16. Other Information

- **Intended Use:** Food, pharmaceutical, cosmetic, and industrial applications
- **Disclaimer:**

The information provided in this MSDS is believed to be accurate and reliable as of the date of issue. It is intended for guidance only and does not constitute a guarantee of product properties. Users are responsible for compliance with applicable laws and regulations.

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