

Material Safety Data Sheet (MSDS)

Product Name: Organic Guar Gum with 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 – TC Food Grade

Synonyms: Guaran, Guar Flour, Guar Galactomannan

Recommended Use: Food thickener, stabilizer, emulsifier; pharmaceutical and nutraceutical excipient

2. Hazard Identification

- Classified as **Non-Hazardous** under GHS
- Dust generation may cause mild respiratory or eye irritation
- Generally recognized as safe (GRAS) for food use

GHS Classification: Not classified as hazardous

Signal Word: None

Hazard Statements: Not applicable

3. Composition / Information on Ingredients

Chemical Name: Guar Gum

CAS Number: 9000-30-0

EC Number: 232-536-8

Purity: $\geq 98\%$ (Food Grade)

Nature: Polysaccharide (Galactomannan)

Additives: None

4. First Aid Measures

Inhalation:

Move to fresh air. Seek medical advice if discomfort persists.

Eye Contact:

Rinse cautiously with clean water for several minutes.

Skin Contact:

Wash with soap and water. No adverse effects expected.

Ingestion:

Safe for consumption under intended food use. Seek medical attention if excessive intake causes discomfort.

5. Fire Fighting Measures

Suitable Extinguishing Media:

Water spray, foam, dry chemical, carbon dioxide (CO₂)

Specific Hazards:

Organic dust may form combustible dust clouds under extreme conditions.

Protective Equipment:

Self-contained breathing apparatus for firefighters.

6. Accidental Release Measures

- Avoid dust formation
- Sweep or vacuum using dry methods
- Collect material in clean, dry containers
- Dispose according to local regulations

7. Handling and Storage

Handling:

- Handle with care to minimize dust
- Use adequate ventilation

Storage:

- Store in a cool, dry place
- Keep container tightly closed
- Protect from moisture and pests

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

Not established

Personal Protective Equipment:

- Dust mask (if dust generated)
- Safety goggles
- Protective gloves (optional)

9. Physical and Chemical Properties

- **Appearance:** Off-white to cream colored powder
- **Odor:** Odorless
- **Taste:** Neutral
- **Solubility:** Soluble in cold and hot water (forms viscous solution)
- **pH (1% solution):** 5.0 – 7.0
- **Bulk Density:** Approx. 0.6 – 0.8 g/cm³
- **Melting Point:** Not applicable (decomposes)

10. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions
- **Reactivity:** Non-reactive
- **Conditions to Avoid:** Excess moisture, extreme heat
- **Incompatible Materials:** Strong oxidizing agents
- **Hazardous Decomposition Products:** None known

11. Toxicological Information

- **Acute Toxicity:** Non-toxic
- **Skin Irritation:** Not irritating
- **Eye Irritation:** Mild mechanical irritation possible
- **Sensitization:** Not expected
- **Chronic Effects:** None known

12. Ecological Information

- Biodegradable natural polymer
- No known adverse effects on aquatic or terrestrial organisms
- Not expected to bioaccumulate

13. Disposal Considerations

- Dispose of in accordance with local, regional, and national regulations
- Can be disposed of as non-hazardous organic waste
- Avoid uncontrolled release into environment

14. Transport Information (Detailed)

Organic Guar Gum – TC Food Grade is **NOT classified as a dangerous good** under international transport regulations.

UN Number: Not assigned

UN Proper Shipping Name: Not regulated

Transport Hazard Class: Not applicable

Packing Group: Not applicable

Transport Regulations:

- **ADR/RID (Road/Rail):** Not regulated
- **IMDG (Sea Transport):** Not regulated
- **IATA (Air Transport):** Not regulated

Special Transport Precautions:

- Transport in sealed, moisture-proof packaging
- Protect from water, humidity, and contamination
- Ensure bags or containers are intact during handling
- Avoid excessive dust generation during loading/unloading

Environmental Hazards:

- Not a marine pollutant
- No special environmental precautions required

15. Regulatory Information

- Complies with food-grade standards
- GRAS listed for food use
- Not listed as hazardous under OSHA, REACH, or GHS
- Suitable for food, pharmaceutical, and nutraceutical applications

16. Other Information

The information provided in this MSDS is based on current knowledge and is intended for guidance in safe handling, storage, and use. It does not constitute a guarantee of product properties.

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