

Material Safety Data Sheet (MSDS)

Product Name: Amorphophallus Konjac Extract 5:1

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: Amorphophallus Konjac Extract 5:1

Synonyms: Konjac Extract, Glucomannan Extract

CAS No.: Not Available

Product Use: Dietary supplement ingredient, food additive, thickener, nutritional formulations, cosmetic ingredient.

2. Hazard(s) Identification

- **Classification:** Not classified as hazardous under GHS.
- **Hazard Statements:** Not expected to be hazardous under normal handling.
- **Precautionary Statements:**
 - Avoid inhalation of dust.
 - Avoid contact with eyes.

- Use protective equipment when handling large quantities.
 - **Potential Health Effects:**
 - **Inhalation:** May cause mild respiratory irritation.
 - **Skin Contact:** Non-irritant for most individuals.
 - **Eye Contact:** Dust may cause irritation.
 - **Ingestion:** Safe in approved quantities; excessive intake may cause digestive discomfort.
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3. Composition / Information on Ingredients

- **Amorphophallus Konjac Extract 5:1**
 - **Purity:** ≥ 95% (Typical)
 - **Nature:** Natural plant extract
 - **Additives:** None
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4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical attention if symptoms persist.
 - **Skin Contact:** Wash with water; no special treatment required.
 - **Eye Contact:** Rinse with clean water for several minutes.
 - **Ingestion:** Rinse mouth; drink water; seek medical help if unusual symptoms appear.
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5. Firefighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, CO₂, foam.
 - **Hazards from Combustion:** May release CO, CO₂, and other organic vapors.
 - **Protective Equipment:** Use self-contained breathing apparatus.
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6. Accidental Release Measures

- Avoid creating dust.

- Sweep or vacuum material; avoid dry sweeping if dust is significant.
- Dispose of according to local regulations.

7. Handling and Storage

- **Handling:**
 - Avoid dust generation.
 - Use protective equipment in bulk handling.
- **Storage:**
 - Store in cool, dry area.
 - Keep container tightly closed.
 - Protect from moisture and direct sunlight.

8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not established.
- **Engineering Controls:** Provide adequate ventilation.
- **Personal Protective Equipment:**
 - Dust mask
 - Gloves
 - Safety goggles for bulk handling

9. Physical and Chemical Properties

- **Appearance:** Off-white to light beige powder
- **Odor:** Characteristic
- **Solubility:** Partially soluble in water (swells)
- **pH (1% solution):** 5.0–7.0
- **Melting Point:** Not applicable
- **Bulk Density:** 0.3–0.6 g/mL

10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Conditions to Avoid:** Extreme heat, moisture.
- **Hazardous Decomposition:** CO, CO₂ under fire conditions.
- **Incompatible Materials:** Strong oxidizers.

11. Toxicological Information

- **Toxicity:** Low toxicity; generally recognized as safe.
- **Irritation:** Dust may irritate eyes or respiratory tract.
- **Sensitization:** No known sensitizing effects.

12. Ecological Information

- **Eco-toxicity:** Not expected to be hazardous to the environment.
- **Biodegradability:** Biodegradable natural product.
- **Bioaccumulation:** No known potential.

13. Disposal Considerations

- Dispose of in accordance with local waste regulations.
- Can be incinerated or added to organic waste streams.

14. Transport Information (DETAILED)

UN Number: Not applicable

UN Proper Shipping Name: Not regulated

Transport Hazard Class(es): Not classified as hazardous

Packing Group: Not applicable

Marine Pollutant: No

Environmental Hazards: Non-hazardous, biodegradable natural extract

Detailed Breakdown by Transport Mode

- **Road (ADR/RID)**

- Not classified as dangerous goods.
- No special requirements for transport.
- Ensure containers are sealed to avoid dust release.

- **Air Transport (IATA/ICAO)**

- Not restricted for air shipment.
- Packaging must prevent leakage and dust formation.
- Recommended: fiber drums, sealed HDPE bags, or aluminum-lined pouches.

- **Sea Transport (IMDG Code)**

- Not classified as a marine pollutant.
- Stable for sea transport when kept dry.
- No special labelling required.

- **General Transport Precautions**

- Keep away from moisture during transit.
- Protect from prolonged heat exposure.
- Avoid crushing or tearing of bags to prevent powder dispersal.

15. Regulatory Information

- Not classified as hazardous.
- Complies with food and cosmetic regulatory standards where permitted.
- No special restrictions known.

16. Other Information

This MSDS is prepared based on available scientific and technical data. The information is believed to be correct but does not claim to be exhaustive. Users should evaluate the product according to their specific application and regulatory requirements.

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