

Material Safety Data Sheet (MSDS)

Product Name: Acacia catechu Extract (Katha) 65%

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

- **Trade Name:** Acacia catechu Extract (Katha) 65%
- **Synonyms:** Katha Extract, Cutch Extract
- **CAS Number:** 8046-19-3
- **Molecular Formula:** Not applicable (natural extract mixture)
- **Molecular Weight:** Not applicable
- **Recommended Use:** Food additive, traditional medicine, tannin source, oral care formulations, and herbal applications.

2. Hazards Identification

- **Classification:** Non-hazardous under normal handling and usage conditions.
- **Routes of Exposure:** Inhalation, ingestion, skin, and eye contact.
- **Hazards:** May cause mild irritation to skin, eyes, or respiratory tract if exposed to excessive dust.

3. Composition / Information on Ingredients

- **Main Ingredient:** Acacia catechu Extract (Katha) – 65% Active Content
- **Other Constituents:** Natural polyphenols, catechins, tannins, water-soluble compounds.

4. First Aid Measures

- **Inhalation:** Move to fresh air. If irritation persists, seek medical attention.
- **Skin Contact:** Wash with water. Seek medical advice if irritation develops.
- **Eye Contact:** Rinse immediately with water for at least 10 minutes. Consult a doctor if symptoms persist.
- **Ingestion:** Rinse mouth with water. Seek medical advice in case of discomfort.

5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical powder, foam, or CO₂.
- **Special Hazards:** Organic extract may release carbon oxides on combustion.
- **Protective Equipment:** Firefighters should wear protective clothing and self-contained breathing apparatus.

6. Accidental Release Measures

- Avoid dust formation.
- Sweep up carefully and collect in suitable containers.
- Wash spill area with plenty of water.
- Dispose of waste according to local regulations.

7. Handling and Storage

- **Handling:** Avoid contact with eyes, skin, and clothing. Prevent dust generation.
- **Storage:** Store in a cool, dry, well-ventilated area away from moisture and direct sunlight. Keep container tightly closed.

8. Exposure Controls / Personal Protection

- **Respiratory Protection:** Use mask if dust levels are high.
- **Eye Protection:** Safety glasses recommended.
- **Skin Protection:** Gloves recommended for prolonged exposure.
- **Ventilation:** Local exhaust ventilation recommended.

9. Physical and Chemical Properties

- **Appearance:** Brown to reddish-brown powder
- **Odor:** Characteristic herbal odor
- **Solubility:** Partially soluble in water
- **Moisture Content:** $\leq 5\%$
- **pH (1% solution):** 4.0 – 6.0

10. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- **Conditions to Avoid:** Excessive heat, moisture, direct sunlight.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition:** Carbon dioxide, carbon monoxide on burning.

11. Toxicological Information

- **Acute Toxicity:** Non-toxic in normal doses.
- **Irritation:** May cause mild irritation to eyes, skin, or respiratory tract.
- **Chronic Effects:** No known chronic hazards when used in recommended amounts.

12. Ecological Information

- **Eco-toxicity:** Biodegradable and environmentally safe.

- **Persistence/Degradability:** Readily biodegradable.
 - **Bioaccumulation:** Not expected.
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13. Disposal Considerations

- Dispose in accordance with local, state, and national regulations.
 - Avoid release into the environment.
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14. Transport Information (Detailed)

- **UN Number:** Not classified as hazardous for transport.
 - **UN Proper Shipping Name:** Not applicable (Non-regulated).
 - **Transport Hazard Class:** Not classified as dangerous goods.
 - **Packing Group:** Not applicable.
 - **Environmental Hazards:** Not a marine pollutant, eco-friendly natural extract.
 - **Special Precautions for Transport:**
 - Transport in sealed, properly labeled containers.
 - Protect from excessive heat, direct sunlight, and moisture during transit.
 - Avoid contamination with chemicals or strong-smelling substances.
 - **Regulatory Transport Information:**
 - **ADR/RID (Road/Rail Transport):** Not regulated.
 - **IMDG (Sea Transport):** Not regulated.
 - **IATA (Air Transport):** Not regulated.
 - **DOT (US Department of Transport):** Not regulated.
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15. Regulatory Information

- This product is not classified as hazardous according to international chemical safety standards.
- Complies with general guidelines for natural extracts.

16. Other Information

- The information provided in this MSDS is based on current knowledge and is intended to describe the product in terms of health, safety, and environmental requirements.
- It should not be construed as guaranteeing specific properties.
- Users are responsible for ensuring safe conditions of use and compliance with applicable 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.