

Material Safety Data Sheet (MSDS)

Product Name: Cumin Seed Singapore 99%

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:** Cumin Seed Singapore 99%
- **Synonyms:** Cuminum cyminum seeds
- **Chemical Family:** Natural spice / herb product
- **Use:** Food seasoning, flavoring agent, traditional medicine, and essential oil extraction.

2. Hazards Identification

- **Classification:** Not classified as hazardous according to GHS.
- **Physical State:** Solid (whole or powdered seed)
- **Color:** Brownish
- **Odor:** Characteristic aromatic odor
- **Potential Health Effects:**
 - *Inhalation:* Dust may cause mild irritation to respiratory tract.

- *Skin Contact:* Generally non-irritating; prolonged exposure may cause dryness.
- *Eye Contact:* Dust may cause irritation.
- *Ingestion:* Safe in food quantities; excessive intake may cause stomach upset.

3. Composition / Information on Ingredients

- **Product:** Cumin Seed (*Cuminum cyminum*)
- **Purity:** 99%
- **CAS No.:** 8014-13-9
- **EINECS No.:** 283-881-6
- **Nature:** Natural plant-derived product, non-toxic, non-hazardous.

4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse with plenty of water for several minutes.
- **Ingestion:** Rinse mouth with water; seek medical advice if large amounts are swallowed.

5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Dry chemical, CO₂, foam, or water spray.
- **Special Hazards:** Organic dust may form combustible dust-air mixtures.
- **Protective Equipment:** Firefighters should wear protective clothing and self-contained breathing apparatus.

6. Accidental Release Measures

- **Personal Precautions:** Avoid inhalation of dust; use protective masks.
- **Spill Cleanup:** Sweep or vacuum up spillage; avoid creating dust clouds.
- **Environmental Precautions:** Avoid discharge into drains or watercourses.

7. Handling and Storage

- **Handling:** Handle in accordance with good industrial hygiene practices. Avoid creating dust.
- **Storage:** Store in cool, dry, well-ventilated area away from moisture and direct sunlight. Keep container tightly closed.

8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not established.
- **Respiratory Protection:** Use dust mask in dusty conditions.
- **Eye Protection:** Safety goggles recommended.
- **Skin Protection:** Gloves and standard protective clothing as needed.

9. Physical and Chemical Properties

- **Appearance:** Brown to light brown whole or powdered seed
- **Odor:** Aromatic, spicy
- **Boiling Point:** Not applicable
- **Melting Point:** Not applicable
- **Solubility:** Insoluble in water
- **Flash Point:** >150°C (for essential oil content)
- **Bulk Density:** Approx. 0.6–0.8 g/cm³

10. Stability and Reactivity

- **Stability:** Stable under normal storage conditions.
- **Conditions to Avoid:** High humidity, open flames, direct sunlight.
- **Incompatible Materials:** Strong oxidizing agents.
- **Decomposition Products:** None known under normal conditions.

11. Toxicological Information

- **Acute Toxicity:** Non-toxic, edible material.
- **Skin and Eye Irritation:** Mild mechanical irritation possible due to dust.
- **Carcinogenicity:** Not classified as carcinogenic.
- **Sensitization:** Rare; some individuals may show mild allergic reaction.

12. Ecological Information

- **Eco-toxicity:** Not expected to be harmful to the environment.
- **Biodegradability:** Biodegradable.
- **Bioaccumulation:** Not expected.

13. Disposal Considerations

- **Waste Disposal:** Dispose of in accordance with local, regional, and national regulations.
- **Packaging Disposal:** Recycle or dispose of according to official guidelines.

14. Transport Information (*Detailed*)

- **UN Number:** Not applicable (non-hazardous product).
- **Proper Shipping Name:** Cumin Seed Singapore 99%
- **Transport Hazard Class:** Not classified as hazardous.
- **Packing Group:** Not applicable.
- **Environmental Hazards:** None known.
- **Marine Pollutant:** No.
- **Transport Regulations:**
 - **Road (ADR/RID):** Not restricted.
 - **Air (IATA):** Not restricted; pack in sealed moisture-free containers.
 - **Sea (IMDG):** Not restricted; protect from moisture and strong odors.
- **Special Precautions:**

- Avoid exposure to humidity during transport.
- Keep packages tightly closed to prevent contamination or insect infestation.
- Transport in clean, dry, and food-grade containers or bags.
- **Bulk Transport:** Permitted if stored in clean silos or containers approved for food materials.

15. Regulatory Information

- **Regulatory Status:** Natural product exempt from specific chemical safety regulation.
- **Labeling Requirements:** None required for food-grade products.
- **Compliance:** Meets international food and spice trade standards.

16. Other Information

- **Disclaimer:** The information provided in this MSDS is believed to be accurate and based on current knowledge. However, no warranty or guarantee is made as to its completeness or accuracy. Users should make their own determination of suitability for their particular 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.