

Material Safety Data Sheet (MSDS)

Product Name: Spearmint Flavour Powder

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: Spearmint Flavour Powder

Synonyms: Natural Spearmint Flavour, Spearmint Extract Powder

Product Use: Food additive, flavoring agent for food, beverages, confectionery, and cosmetics

2. Hazards Identification

- **Classification:** Not classified as hazardous under normal conditions of use.
- **Potential Health Effects:**
 - **Inhalation:** May cause mild irritation to respiratory tract if dust is inhaled.
 - **Skin Contact:** Generally non-irritant; prolonged contact may cause mild dryness.
 - **Eye Contact:** May cause temporary irritation.

- **Ingestion:** Safe in small quantities used in food. Large ingestion may cause gastrointestinal discomfort.
 - **GHS Label Elements:**
 - **Signal Word:** None required
 - **Hazard Statement:** Non-hazardous under GHS classification
 - **Precautionary Statements:** Avoid inhalation of dust. Store in a cool, dry place.
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3. Composition / Information on Ingredients

Substance: Spearmint Flavour Powder

Nature: Natural / Nature Identical Flavoring Substance

Components: Natural spearmint extract, maltodextrin (carrier), permitted food-grade additives

CAS Number: Not applicable (mixture)

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical advice if symptoms persist.
 - **Skin Contact:** Wash with soap and water.
 - **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present.
 - **Ingestion:** Rinse mouth and drink water. Seek medical attention if large quantities are consumed.
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Dry chemical powder, CO₂, foam, or water spray.
 - **Special Hazards:** Dust may form explosive mixtures with air.
 - **Protective Equipment:** Use self-contained breathing apparatus and protective clothing.
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6. Accidental Release Measures

- **Personal Precautions:** Avoid creating dust; wear a dust mask if necessary.
- **Environmental Precautions:** Prevent entry into drains and waterways.
- **Clean-up Methods:** Sweep up and place in suitable container for disposal. Avoid using water directly.

7. Handling and Storage

- **Handling:** Avoid dust generation. Handle in well-ventilated areas.
- **Storage:** Store in a cool, dry, and ventilated area away from direct sunlight and strong odors.
- **Shelf Life:** 24 months under recommended storage conditions.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Ensure adequate ventilation.
- **Personal Protective Equipment:**
 - **Respiratory Protection:** Dust mask (if airborne dust forms).
 - **Eye Protection:** Safety goggles.
 - **Skin Protection:** Gloves and protective clothing.
- **Hygiene Measures:** Wash hands after handling. Avoid contact with eyes.

9. Physical and Chemical Properties

- **Appearance:** Light brown to beige powder
- **Odor:** Characteristic spearmint aroma
- **Taste:** Sweet minty
- **Solubility:** Soluble in water
- **Melting Point:** Not applicable
- **pH (1% Solution):** 5.0 – 7.0
- **Flash Point:** Not applicable
- **Bulk Density:** 0.4 – 0.6 g/cm³

10. Stability and Reactivity

- **Stability:** Stable under normal storage conditions.
- **Incompatible Materials:** Strong oxidizing agents.
- **Conditions to Avoid:** Moisture, high temperature, direct sunlight.
- **Hazardous Decomposition Products:** Carbon oxides on combustion.

11. Toxicological Information

- **Acute Toxicity:** Non-toxic at food-use levels.
- **Skin Irritation:** Non-irritant.
- **Eye Irritation:** Mild and reversible.
- **Carcinogenicity:** Not classified as carcinogenic.
- **Mutagenicity:** No data indicating mutagenic effects.

12. Ecological Information

- **Ecotoxicity:** Not expected to be harmful to aquatic life.
- **Biodegradability:** Readily biodegradable.
- **Bioaccumulation:** Negligible.
- **Mobility in Soil:** Low.

13. Disposal Considerations

- **Waste Disposal Method:** Dispose of in accordance with local regulations.
- **Packaging Disposal:** Rinse and recycle or dispose of as per local waste management guidelines.

14. Transport Information (Detailed)

UN Number: Not regulated under UN transport regulations

UN Proper Shipping Name: Spearmint Flavour Powder (Non-Hazardous)

Transport Hazard Class: Not classified as hazardous

Mode-wise Classification:

- **ADR/RID (Road/Rail Transport):** Not regulated. Not a hazardous substance.
- **IMDG (Sea Transport):** Not regulated as dangerous goods.
 - **Marine Pollutant:** No
 - **Proper Shipping Name:** Non-hazardous flavoring substance
 - **Packaging Group:** Not applicable
 - **EmS Code:** F-A, S-H (recommended for general food flavor powders)
- **IATA (Air Transport):** Not regulated. Safe for air shipment under standard packaging.

Special Precautions for Transport:

- Keep container tightly sealed to avoid moisture absorption.
- Avoid exposure to heat and direct sunlight.
- Ensure packaging prevents dust emission.

Transport in Bulk (Annex II MARPOL 73/78 and IBC Code):

- Not applicable — product is transported in packaged form only.

Additional Information:

This product is considered **non-dangerous** and **non-flammable**. Transport in compliance with **good hygiene and handling practices**.

Ensure labeling and packaging meet **food-grade transport regulations**.

15. Regulatory Information

- **Regulatory Status:** Food-grade, complies with FSSAI and FDA guidelines for natural flavors.
- **Labeling Requirements:** Non-hazardous; food additive labeling applicable.

16. Other Information

- **Disclaimer:** The information contained in this MSDS is based on the data available at the time of preparation and is believed to be accurate to the best of our knowledge. It is intended only as guidance for safe handling and 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.