

Material Safety Data Sheet (MSDS)

Product Name: Mint Flavour Powder

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

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1. Identification of the Substance/Preparation and Company

- **Product Name:** Mint Flavour Powder
- **Synonyms:** Mentha flavour, Mint essence powder
- **Chemical Formula:** Proprietary natural and/or nature-identical flavor blend
- **Recommended Use:** Food additive, confectionery, bakery, beverage, and pharmaceutical applications

2. Hazard Identification

- **Classification:** Not classified as hazardous under normal conditions of use.
- **Health Hazards:** May cause mild irritation if inhaled or in contact with eyes.
- **Environmental Hazards:** Non-toxic to the environment in small quantities.
- **Label Elements:**
 - Signal Word: None

- Hazard Statements: None
- Precautionary Statements: Avoid direct inhalation of dust.

3. Composition / Information on Ingredients

- **Main Components:** Natural and/or artificial flavoring agents, maltodextrin, permitted emulsifiers and carriers.
- **CAS Numbers:** Mixture (not applicable).
- **Concentration:** Proprietary blend – typically 100%.

4. First Aid Measures

- **Eye Contact:** Rinse immediately with plenty of water for 10–15 minutes. Seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Inhalation:** Move to fresh air. Seek medical advice if respiratory discomfort occurs.
- **Ingestion:** Rinse mouth and drink water. Seek medical advice if symptoms persist.

5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, or CO₂.
- **Specific Hazards:** May emit carbon oxides under fire conditions.
- **Protective Equipment:** Wear self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

- **Personal Precautions:** Avoid inhalation of dust. Use mask or respirator.
- **Environmental Precautions:** Prevent large quantities from entering waterways.
- **Methods for Cleaning:** Sweep up gently and dispose of according to local regulations.

7. Handling and Storage

- **Handling:** Avoid dust formation. Handle in accordance with good industrial hygiene practices.
- **Storage:** Store in a cool, dry, well-ventilated area away from moisture, heat, and direct sunlight.
- **Shelf Life:** 24 months from date of manufacture (under recommended conditions).

8. Exposure Controls / Personal Protection

- **Occupational Exposure Limits:** Not established.
- **Respiratory Protection:** Use mask in case of excessive dust.
- **Eye Protection:** Safety goggles recommended.
- **Skin Protection:** Gloves and lab coat recommended.
- **Hygiene Measures:** Wash hands before eating, drinking, or smoking.

9. Physical and Chemical Properties

- **Appearance:** Off-white to light beige free-flowing powder
- **Odour:** Characteristic mint aroma
- **Solubility:** Soluble in water
- **pH (1% solution):** 5.5 – 7.0
- **Bulk Density:** 0.45 – 0.65 g/cm³
- **Melting Point:** Not applicable
- **Boiling Point:** Not applicable
- **Flash Point:** Not applicable (non-flammable under normal use)

10. Stability and Reactivity

- **Chemical Stability:** Stable under normal temperature and pressure.
- **Conditions to Avoid:** Excess heat, direct sunlight, and moisture.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide.

11. Toxicological Information

- **Acute Toxicity:** Not expected to be toxic.
- **Skin Irritation:** Mild, non-irritating to skin.
- **Eye Irritation:** May cause temporary irritation.
- **Inhalation:** Prolonged inhalation of dust may cause irritation.
- **Ingestion:** Safe in food-grade levels.

12. Ecological Information

- **Ecotoxicity:** Not expected to be hazardous to aquatic or terrestrial life.
- **Biodegradability:** Readily biodegradable.
- **Bioaccumulation:** No bioaccumulation potential.
- **Mobility in Soil:** Not expected to migrate significantly.

13. Disposal Considerations

- **Product Disposal:** Dispose of in accordance with local regulations.
- **Packaging Disposal:** Recycle or dispose of in accordance with national laws.

14. Transport Information

- **UN Number:** Not applicable (non-hazardous).
- **UN Proper Shipping Name:** Mint Flavour Powder (non-dangerous goods).
- **Transport Hazard Class(es):** Not classified as hazardous under ADR, IMDG, or IATA.
- **Packing Group:** Not applicable.
- **Environmental Hazards:** None known.
- **Special Precautions for User:**
 - Avoid transport with strong oxidizing agents or chemicals that emit vapours.
 - Keep packaging sealed to prevent moisture ingress and aroma loss.

- Transport in clean, dry vehicles protected from rain and sunlight.
 - **Transport in Bulk (Annex II MARPOL / IBC Code):** Not applicable.
 - **Additional Information:**
 - **Road/Rail (ADR/RID):** Non-hazardous material.
 - **Sea (IMDG):** Not dangerous goods.
 - **Air (IATA/ICAO):** Not restricted for air transport.
 - **Domestic Transport:** Follow good storage and hygiene practices to avoid contamination.
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15. Regulatory Information

- **Regulation Compliance:** Conforms to FEMA/GRAS standards for flavor substances.
 - **Safety Regulations:** Not classified as hazardous under Indian Factories Act or OSHA standards.
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16. Other Information

- **Disclaimer:** The information provided in this MSDS is believed to be accurate and reliable as of the date of issue.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.