



Material Safety Data Sheet (MSDS)

Product Name: Mango 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: Mango Flavour Powder
- Synonyms: Food Flavouring Powder (Mango)
- Application: Food, Beverages, Confectionery, Bakery, Dairy, and Pharmaceutical preparations.

2. Hazard Identification

- Non-hazardous when used as intended in food applications.
- Not classified as dangerous under EU/OSHA regulations.
- Dust may cause mild irritation to eyes and respiratory tract.

3. Composition / Information on Ingredients

- Main Ingredients: Natural and/or nature-identical flavouring substances, carriers (maltodextrin or starch), permitted additives.

- Appearance: Free-flowing powder, yellow to orange in colour.
 - Odour: Characteristic mango aroma.
 - Purity: Food-grade.
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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 thoroughly with water for several minutes.
 - Ingestion: Safe in intended use; if consumed in large amounts, rinse mouth and seek medical advice if discomfort occurs.
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5. Fire Fighting Measures

- Suitable Extinguishing Media: Water spray, dry chemical, carbon dioxide, foam.
 - Special Hazards: Dust may form explosive mixture in air if exposed to ignition source.
 - Protective Equipment: Wear self-contained breathing apparatus and protective clothing.
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6. Accidental Release Measures

- Avoid dust formation.
 - Sweep or vacuum spilled material into suitable container.
 - Wash area with water.
 - Use protective mask if dust levels are high.
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7. Handling & Storage

- Handling: Avoid dust inhalation. Use in well-ventilated areas.
 - Storage: Store in a cool, dry place away from direct sunlight and moisture. Keep container tightly closed.
 - Shelf Life: Typically 24 months when stored under recommended conditions.
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8. Exposure Controls / Personal Protection

- Engineering Controls: Provide adequate ventilation.
 - Respiratory Protection: Not required under normal use; dust mask if airborne dust is present.
 - Eye Protection: Safety goggles recommended.
 - Skin Protection: Gloves recommended for prolonged handling.
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9. Physical & Chemical Properties

- Appearance: Yellow to orange powder
 - Odour: Strong mango-like
 - Solubility: Partially soluble in water
 - Bulk Density: 0.4 – 0.7 g/cm³
 - pH (1% solution): 4.0 – 6.5
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10. Stability & Reactivity

- Stability: Stable under normal conditions.
 - Conditions to Avoid: Excessive heat, moisture, open flame.
 - Incompatible Materials: Strong oxidizing agents.
 - Hazardous Decomposition: Carbon dioxide, carbon monoxide on combustion.
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11. Toxicological Information

- Acute Toxicity: Non-toxic at recommended use levels.
 - Irritation: May cause mild eye/respiratory irritation due to dust.
 - Sensitization: No known sensitizing effects.
 - Safe for human consumption as per food-grade standards.
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12. Ecological Information

- Biodegradability: Readily biodegradable.

- Eco-toxicity: No adverse environmental effects known.
 - Mobility: Low, due to powder form.
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13. Disposal Considerations

- Dispose of in accordance with local, regional, and national regulations.
 - Can be disposed as ordinary organic waste.
 - Avoid release into drains in large quantities.
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14. Transport Information (Detailed)

- UN Number: Not applicable (Non-hazardous).
 - UN Proper Shipping Name: Mango Flavour Powder (Food Grade).
 - Transport Hazard Class: Not classified as hazardous for transport.
 - Packing Group: Not applicable.
 - Labeling: No hazard label required.
 - Road Transport (ADR/RID): Not regulated.
 - Air Transport (IATA/ICAO): Not regulated as dangerous goods.
 - Sea Transport (IMDG): Not regulated as dangerous goods.
 - Special Precautions:
 - Ensure packaging is intact to prevent moisture absorption.
 - Store away from strong odour-emitting or hazardous chemicals.
 - Use sealed, food-grade packaging material to avoid contamination.
 - Transport in Bulk: Not applicable, as product is transported in sealed containers/cartons.
 - Environmental Hazards: No known hazards to the environment.
 - Additional Notes: Although non-hazardous, it is recommended to handle and transport in compliance with good hygiene and safety practices.
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15. Regulatory Information

- Complies with FEMA/GRAS and food safety standards.
- Not classified as hazardous substance under GHS.
- Safe for use in food applications under recommended limits.

16. Other Information

- The information provided in this MSDS is accurate to the best of our knowledge.
- Intended for safe handling and use in food industry.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.