



Material Safety Data Sheet (MSDS)

Product Name: Lemon 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: Lemon Flavour Powder

Recommended Use: Food & beverage additive, bakery, confectionery, dairy, pharmaceuticals, nutraceuticals.

2. Hazards Identification

- Non-hazardous product when used in accordance with regulations.
 - May cause mild irritation to eyes or skin upon direct contact.
 - Inhalation of dust may cause temporary respiratory discomfort.
 - Not classified as dangerous according to EU/OSHA regulations.
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3. Composition / Information on Ingredients

- Natural & nature-identical flavouring substances

- Carrier (Maltodextrin)
 - Lemon essence compounds
 - Anticaking agent (if present)
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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 immediately with water; seek medical advice if irritation continues.
 - **Ingestion:** Safe in small amounts (food grade). If ingested in large quantity, rinse mouth and drink water.
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5. Firefighting Measures

- Non-flammable, but combustible at high temperatures.
 - Use water spray, CO₂, foam, or dry powder to extinguish fire.
 - Avoid inhalation of smoke.
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6. Accidental Release Measures

- Avoid creating dust.
 - Sweep or vacuum spillage and place in a suitable container.
 - Wash area with water to remove residue.
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7. Handling and Storage

- Handle with clean, dry hands and tools.
 - Store in a cool, dry, ventilated place away from direct sunlight.
 - Keep container tightly sealed.
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8. Exposure Controls / Personal Protection

- **Respiratory Protection:** Dust mask recommended.

- **Eye Protection:** Safety glasses in case of powder handling.
 - **Skin Protection:** Gloves and protective clothing.
 - **Work Practices:** Avoid dust formation; use in well-ventilated areas.
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9. Physical and Chemical Properties

- Appearance: Fine, free-flowing powder
 - Colour: Light yellow to off-white
 - Odour: Characteristic lemon aroma
 - Solubility: Water soluble
 - Bulk Density: Approx. 0.45–0.65 g/cm³
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10. Stability and Reactivity

- Stable under recommended storage conditions.
 - Avoid exposure to high temperature, moisture, and direct sunlight.
 - No hazardous polymerization expected.
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11. Toxicological Information

- Considered non-toxic at recommended food use levels.
 - LD50 (oral, rat): Not available, but expected to be >5000 mg/kg.
 - No evidence of carcinogenic, mutagenic, or teratogenic effects.
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12. Ecological Information

- Biodegradable.
 - No significant environmental hazards expected at normal usage levels.
 - Avoid large uncontrolled release to soil or water.
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13. Disposal Considerations

- Dispose of in accordance with local, state, and national regulations.
- Small amounts can be disposed of with household waste.

14. Transport Information (Detailed)

- **UN Number:** Not applicable (non-hazardous).
- **Proper Shipping Name:** Lemon Flavour Powder (Food Grade).
- **Transport Hazard Class:** Not classified as hazardous for transport.
- **Packing Group:** Not applicable.
- **Environmental Hazards:** None known.
- **Special Precautions for User:**
 - Ensure packaging is intact and properly sealed during transport.
 - Protect from moisture and direct sunlight.
 - Avoid contact with incompatible substances (strong oxidizers).
 - Prevent spillage that could generate dust clouds.
- **Transport by Road (ADR/RID):** Not regulated.
- **Transport by Air (IATA):** Not regulated.
- **Transport by Sea (IMDG):** Not regulated.
- **Transport in Bulk (Annex II of MARPOL 73/78 and IBC Code):** Not applicable.

This product is classified as “**Non-dangerous goods**” under international transport regulations (ADR, IMDG, IATA). Safe for standard shipping and handling.

15. Regulatory Information

- Complies with FEMA/GRAS food flavouring standards.
- Not classified as hazardous under GHS.
- Food-grade product regulated under FSSAI and FDA guidelines.

16. Other Information

- Intended for industrial and food manufacturing use only.
- Not recommended for direct retail consumption.
- Users must ensure compliance with local 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.