



Material Safety Data Sheet (MSDS)

Product Name: Orange 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: Orange Flavour Powder

Application/Use: Food additive, flavoring agent for beverages, bakery, confectionery, pharmaceuticals, nutraceuticals, and dairy.

2. Hazards Identification

- **Classification:** Not classified as hazardous under normal conditions of use.
- **Potential Health Effects:**
 - **Inhalation:** May cause mild irritation if dust is inhaled.
 - **Skin Contact:** Non-irritant, but prolonged contact may cause dryness.
 - **Eye Contact:** Dust may cause slight irritation.
 - **Ingestion:** Safe in food-grade applications; excessive ingestion may cause mild gastrointestinal discomfort.

3. Composition / Information on Ingredients

- **Main Components:** Natural & nature-identical flavoring substances, carrier agents (e.g., maltodextrin), permitted solvents.
- **Form:** Free-flowing powder.
- **Color:** Light orange to pale yellow.

4. First Aid Measures

- **Inhalation:** Move to fresh air if dust is inhaled.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse cautiously with water for several minutes.
- **Ingestion:** Rinse mouth; seek medical advice if large amounts are ingested.

5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, CO₂, foam.
- **Hazards from Combustion:** May release carbon oxides.
- **Protective Equipment:** Firefighters should wear protective clothing and self-contained breathing apparatus.

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation, use protective mask.
- **Environmental Precautions:** Prevent entry into drains in bulk.
- **Methods for Clean-Up:** Sweep or vacuum into suitable container; avoid creating dust clouds.

7. Handling and Storage

- **Handling:** Avoid inhalation of dust; handle in well-ventilated areas.
- **Storage:** Store in a cool, dry, and well-ventilated place, away from direct sunlight and moisture. Keep tightly sealed.

8. Exposure Controls / Personal Protection

- **Respiratory Protection:** Use dust mask if airborne concentrations are high.
- **Hand Protection:** Gloves recommended for prolonged handling.
- **Eye Protection:** Safety goggles if dust formation likely.
- **Engineering Controls:** Provide adequate ventilation.

9. Physical and Chemical Properties

- **Appearance:** Orange to yellowish powder.
- **Odor:** Characteristic orange aroma.
- **Solubility:** Soluble/dispersible in water.
- **Bulk Density:** Approx. 0.4 – 0.7 g/cm³.
- **Flash Point:** Not applicable.

10. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- **Conditions to Avoid:** Excessive heat, moisture, direct sunlight.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Carbon oxides upon combustion.

11. Toxicological Information

- **Acute Toxicity:** Not considered toxic.
- **Skin Irritation:** Non-irritant.
- **Eye Irritation:** Mild temporary irritation possible.
- **Ingestion:** Safe in food applications; excessive ingestion may cause mild discomfort.

12. Ecological Information

- **Eco-Toxicity:** Not considered hazardous to the environment.
 - **Persistence/Degradability:** Biodegradable.
 - **Bioaccumulative Potential:** Low.
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13. Disposal Considerations

- Dispose of in accordance with local regulations.
 - Avoid release into drains or natural water sources in bulk quantities.
 - Small amounts can be disposed of as normal household waste.
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14. Transport Information (Detailed)

- **UN Number:** Not applicable (non-hazardous).
 - **UN Proper Shipping Name:** Not regulated for transport.
 - **Transport Hazard Class(es):** Not classified as dangerous goods.
 - **Packing Group:** Not applicable.
 - **Environmental Hazards:** Not classified as environmentally hazardous.
 - **Special Precautions for User:** Ensure packaging is sealed and protected from moisture during transport.
 - **Transport in Bulk (IMO/IMDG):** Not regulated as per IBC Code.
 - **Road Transport (ADR/RID):** Not restricted.
 - **Sea Transport (IMDG):** Not dangerous; transport in dry containers, avoid humidity.
 - **Air Transport (IATA/ICAO):** Not restricted; ensure sealed packaging to prevent leakage of aroma.
 - **Storage During Transit:** Store away from direct sunlight, heat sources, and strong odors.
 - **Labeling Requirements:** No hazard label required.
 - **Remarks:** Classified as a **non-hazardous, food-grade material** suitable for worldwide transportation.
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15. Regulatory Information

- Complies with FEMA/GRAS standards for food flavors.
- Not classified under hazardous chemicals rules.
- Safe for intended food use under international regulations.

16. Other Information

- The information provided is believed to be correct to the best of our knowledge.
- This MSDS is intended only as a guide for safe handling, storage, and use.
- Users are responsible for ensuring compliance with local laws and 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.