

Material Safety Data Sheet (MSDS)

Product Name: Yeast Extract Powder Food Grade

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:** Yeast Extract Powder
- **Grade:** Food Grade
- **Recommended Use:** Flavor enhancer, nutritional ingredient, food processing applications

2. Hazard Identification

- **Classification:** Not classified as hazardous under GHS
- **Hazard Category:** Generally recognized as safe (GRAS) for food use
- **Potential Hazards:**
 - Dust may cause mild respiratory irritation
 - Prolonged contact may cause minor eye or skin irritation
- **Signal Word:** None
- **Hazard Statements:** Not applicable

3. Composition / Information on Ingredients

- **Chemical Name:** Yeast Extract
- **CAS Number:** Not assigned (natural food ingredient)
- **Composition:** Autolyzed yeast-derived soluble components
- **Purity:** $\geq 95\%$
- **Additives:** None

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if irritation persists.
- **Eye Contact:** Rinse immediately with clean water for at least 15 minutes.
- **Skin Contact:** Wash with soap and water.
- **Ingestion:** Safe for food use. Rinse mouth; seek medical advice if discomfort occurs.

5. Fire Fighting Measures

- **Flammability:** Not flammable
- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO₂
- **Hazardous Combustion Products:** Carbon oxides, nitrogen compounds
- **Protective Equipment:** Standard firefighting protective gear

6. Accidental Release Measures

- Avoid dust generation
- Sweep or vacuum spilled material
- Dispose of according to local regulations
- Wear basic personal protective equipment

7. Handling and Storage

- **Handling:**
 - Handle in a well-ventilated area
 - Avoid inhalation of dust
- **Storage:**

- Store in a cool, dry place
- Keep container tightly closed
- Protect from moisture and contamination

8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not established
- **Engineering Controls:** Adequate ventilation
- **Personal Protective Equipment:**
 - Gloves (optional)
 - Safety goggles in dusty conditions
 - Dust mask if required

9. Physical and Chemical Properties

- **Appearance:** Light yellow to brown powder
- **Odor:** Mild, savory
- **Solubility:** Soluble in water
- **pH (10% solution):** 5.0 – 7.0
- **Bulk Density:** 0.45 – 0.65 g/cm³
- **Moisture Content:** ≤ 6%

10. Stability and Reactivity

- **Stability:** Stable under normal conditions
- **Conditions to Avoid:** Excess heat, moisture
- **Incompatible Materials:** Strong oxidizing agents
- **Hazardous Decomposition Products:** None under normal use

11. Toxicological Information

- **Acute Toxicity:** Not toxic
- **Skin Irritation:** Non-irritant
- **Eye Irritation:** Mild irritation possible due to dust
- **Sensitization:** Not known

- **Chronic Effects:** None known

12. Ecological Information

- **Ecotoxicity:** Not harmful to aquatic life
- **Biodegradability:** Readily biodegradable
- **Bioaccumulation:** Not expected
- **Environmental Impact:** Minimal

13. Disposal Considerations

- Dispose of product in accordance with local food waste or industrial waste regulations
- Empty packaging may be recycled or disposed of safely

14. Transport Information (Detailed)

- **UN Number:** Not applicable
- **UN Proper Shipping Name:** Not regulated
- **Transport Hazard Class:** Not classified as dangerous goods
- **Packing Group:** Not applicable

Mode of Transport:

- **Road (ADR):** Not regulated
- **Rail (RID):** Not regulated
- **Sea (IMDG):** Not regulated
- **Air (IATA):** Not regulated

Special Transport Precautions:

- Transport in sealed, food-grade packaging
- Protect from moisture and contamination
- Avoid physical damage to packaging
- No labeling or placarding required

Environmental Hazards:

- Not a marine pollutant

15. Regulatory Information

- Complies with food safety standards
- GRAS status for food use
- Not classified under hazardous chemical regulations
- Suitable for food, nutraceutical, and flavor industries

16. Other Information

- **Intended Use:** Food ingredient only
- **Disclaimer:**

The information provided is based on current knowledge and is intended for guidance only. It does not constitute a guarantee of product properties. Users must ensure compliance with applicable regulations.

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- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.