



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

- **Product Name:** Shiitake Extract Powder (30%, water dispersible)
 - **Synonyms:** Lentinula edodes Extract, Shiitake Powder
 - **Recommended Use:** Dietary supplement, food ingredient, herbal extract
 - **Manufacturer/Supplier:** UnitedBioScience
 - **Address:** 500 Simmon Dr. Osceola, WI 54020
 - **Emergency Contact:** +1-651-464-2822
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SECTION 2: HAZARD IDENTIFICATION

- **GHS Classification:** Not classified as hazardous
 - **Hazard Statements:** None
 - **Precautionary Statements:**
 - Avoid inhalation of dust
 - Use personal protective equipment as required
 - **Hazards Not Otherwise Classified (HNOC):** May cause mild respiratory irritation if inhaled
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- **Substance Name:** Shiitake Mushroom Powder
 - **Common Name:** Lentinula edodes powder
 - **CAS Number:** 37339-90-5 (Lentinula edodes)
 - **Impurities/Additives:** None
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SECTION 4: FIRST-AID MEASURES

- **Inhalation:** If inhaled in large amounts, move to fresh air. Seek medical attention if symptoms persist.
 - **Skin Contact:** Wash with soap and water. Seek medical attention if irritation occurs.
 - **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present. Seek medical attention if irritation persists.
 - **Ingestion:** Non-toxic. If discomfort occurs, seek medical advice.
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SECTION 5: FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Water, foam, dry chemical, CO₂
 - **Specific Hazards Arising from the Product:** Fine powder may form combustible dust-air mixtures.
 - **Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and protective clothing.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Use PPE if necessary.
 - **Environmental Precautions:** Prevent entry into drains and waterways.
 - **Cleanup Methods:** Sweep up and place in a suitable container for disposal. Avoid creating airborne dust.
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SECTION 7: HANDLING AND STORAGE

- **Handling:** Avoid inhaling dust. Use in a well-ventilated area.
 - **Storage:** Store in a cool, dry place away from moisture and strong odors. Keep container tightly closed.
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Occupational Exposure Limits:** No specific occupational exposure limits established.
 - **Engineering Controls:** Provide adequate ventilation.
 - **Personal Protective Equipment (PPE):**
 - **Respiratory Protection:** Use a dust mask if airborne dust is generated.
 - **Hand Protection:** Gloves recommended for prolonged handling.
 - **Eye Protection:** Safety goggles recommended.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Fine, light brown powder
 - **Odor:** Characteristic mushroom odor
 - **pH:** Neutral to slightly acidic (pH 6-7)
 - **Boiling Point:** N/A
 - **Melting Point:** N/A
 - **Solubility:** Soluble in water
 - **Flash Point:** N/A
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SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions of use and storage
 - **Reactivity:** Non-reactive under normal conditions
 - **Conditions to Avoid:** Avoid exposure to extreme heat and direct sunlight.
 - **Incompatible Materials:** None known.
 - **Hazardous Decomposition Products:** None under normal conditions
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SECTION 11: TOXICOLOGICAL INFORMATION

- **Routes of Exposure:** Inhalation, skin contact, ingestion
- **Acute Toxicity:** Not expected to cause significant effects.
- **Chronic Effects:** No known long-term effects



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- **Carcinogenicity:** Not classified as carcinogenic
 - **Reproductive Toxicity:** No known reproductive effects.
 - **Sensitization:** May cause mild skin irritation in sensitive individuals.
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SECTION 12: ECOLOGICAL INFORMATION

- **Ecotoxicity:** No known significant effects on aquatic life.
 - **Persistence and Degradability:** Biodegradable.
 - **Bioaccumulation:** Not expected to bioaccumulate.
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SECTION 13: DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of in accordance with local regulations. Avoid release into waterways.
 - **Waste Disposal:** Non-hazardous waste. Dispose of as regular waste.
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SECTION 14: TRANSPORT INFORMATION

- **UN Number:** Not regulated
 - **Transport Hazard Class:** Not classified as hazardous for transport.
 - **Packing Group:** Not applicable
 - **Special Transport Requirements:** None
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SECTION 15: REGULATORY INFORMATION

- **OSHA Hazard Communication Standard (HCS):** Not classified as hazardous.
 - **TSCA Status:** Listed.
 - **SARA Title III:** Not applicable.
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SECTION 16: OTHER INFORMATION

- **SDS Revision Date:** 06/01/2024
 - **Prepared By:** UNITEDBIOSCIENCE
 - **Disclaimer:** This SDS is provided for informational purposes only and is not legally binding. Users should determine suitability for their specific application.
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