

Material Safety Data Sheet (MSDS)

Product Name: Ginger Extract Liquid 10:1

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: Ginger Extract Liquid 10:1

Synonyms: Zingiber officinale Extract Liquid, Ginger Root Extract

Recommended Use: Used in food, pharmaceuticals, cosmetics, and nutraceutical formulations.

2. Hazards Identification

- **Classification:** Non-hazardous under normal conditions of use.
- **Hazard Statements:** None known.
- **Potential Health Effects:**
 - **Inhalation:** May cause mild irritation in sensitive individuals.
 - **Skin Contact:** Non-irritating; prolonged contact may cause mild irritation.
 - **Eye Contact:** May cause mild irritation.
 - **Ingestion:** Generally regarded as safe in small quantities.

3. Composition / Information on Ingredients

Ginger Extract Liquid 10:1 is composed primarily of a concentrated extract derived from the rhizome of *Zingiber officinale* (Ginger), standardized to a 10:1 extract ratio. The formulation contains purified water as the primary solvent. No synthetic additives, preservatives, or hazardous components are included. The product is 100% natural and safe under normal handling conditions.

4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical attention if symptoms persist.
 - **Skin Contact:** Wash with soap and water. If irritation occurs, seek medical advice.
 - **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes.
 - **Ingestion:** Rinse mouth with water; seek medical help if large quantities are consumed.
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5. Fire Fighting Measures

- **Flammability:** Non-flammable.
 - **Extinguishing Media:** Use water spray, dry chemical, foam, or CO₂.
 - **Special Fire Fighting Procedures:** Use protective equipment and avoid inhalation of fumes.
 - **Hazardous Combustion Products:** Carbon oxides (CO, CO₂).
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6. Accidental Release Measures

- **Personal Precautions:** Use protective gloves and eyewear.
 - **Environmental Precautions:** Avoid release into drains or watercourses.
 - **Cleanup Methods:** Absorb with inert material (sand, sawdust), then wash area with water.
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7. Handling and Storage

- **Handling:** Avoid contact with eyes and prolonged skin exposure.

- **Storage:** Store in a cool, dry, and well-ventilated area away from sunlight.
 - **Temperature:** 15°C–25°C recommended.
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8. Exposure Controls / Personal Protection

- **Respiratory Protection:** Not required under normal conditions.
 - **Eye Protection:** Safety glasses recommended.
 - **Skin Protection:** Use gloves when handling large volumes.
 - **Ventilation:** Adequate general ventilation.
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9. Physical and Chemical Properties

Ginger Extract Liquid 10:1 is a pale yellow to brown colored liquid with a characteristic spicy aroma typical of natural ginger. It is soluble in both water and alcohol and has a pH in the range of 4.0 to 6.5. The specific gravity lies between 1.00 and 1.10. The product has moderate viscosity, is stable under normal storage conditions, and exhibits a boiling point above 100°C. It is not flammable and does not possess a measurable flash point under standard testing.

10. Stability and Reactivity

- **Chemical Stability:** Stable at room temperature.
 - **Conditions to Avoid:** Excessive heat, direct sunlight.
 - **Incompatible Materials:** Strong oxidizing agents.
 - **Hazardous Decomposition Products:** None under normal use.
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11. Toxicological Information

- **Acute Toxicity:** Non-toxic.
- **Skin Irritation:** Mild irritation possible on prolonged contact.
- **Eye Irritation:** Possible mild irritation.
- **Carcinogenicity:** Not classified as carcinogenic.
- **Sensitization:** None known.

12. Ecological Information

- **Ecotoxicity:** Non-toxic to aquatic life.
- **Persistence and Degradability:** Biodegradable.
- **Bioaccumulative Potential:** Low.
- **Mobility in Soil:** Readily miscible with water.

13. Disposal Considerations

- **Waste Disposal:** Dispose of in accordance with local regulations.
- **Packaging Disposal:** Rinse and recycle containers where possible.

14. Transport Information (Detailed)

UN Number: Not applicable (Non-hazardous material)

UN Proper Shipping Name: Ginger Extract Liquid 10:1

Transport Hazard Class: Not regulated

Packing Group: Not applicable

Environmental Hazards: Not environmentally hazardous

Marine Pollutant: No

Special Precautions for User:

- Ensure containers are tightly sealed to prevent leakage.
- Protect from physical damage and extreme temperature changes.
- Avoid storage near oxidizing or corrosive substances.
- Follow standard safety and hygiene procedures during handling and loading/unloading.

Transport in Bulk (Annex II of MARPOL 73/78 and IBC Code): Not applicable

Additional Information: Product is considered safe for transport by **road (ADR/RID)**, **sea (IMDG)**, and **air (IATA/ICAO)** without special requirements.

15. Regulatory Information

- **Regulation Compliance:** Complies with relevant national and international standards for natural extracts.
- **Labelling:** No special hazard labeling required.
- **TSCA / EINECS:** Not listed as hazardous substance.

16. Other Information

Disclaimer: The information provided in this MSDS is believed to be accurate and reliable to the best of our knowledge. It is provided for guidance in safe handling, use, processing, storage, transportation, and disposal of the material.

- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.