

Material Safety Data Sheet (MSDS)

Product Name: Cinnamon 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: Cinnamon Extract Liquid 10:1

Synonyms: Cinnamomum zeylanicum Extract, Cinnamon Bark Extract Liquid

Recommended Use: Used in food flavoring, nutraceuticals, cosmetics, and pharmaceuticals.

2. Hazards Identification

Classification: Not classified as hazardous under normal conditions of use.

Hazard Statements: None known.

Precautionary Statements:

- Avoid contact with eyes and skin.
- Do not ingest large amounts.
- Keep away from strong oxidizing agents.

Potential Health Effects:

- **Inhalation:** May cause mild respiratory irritation in concentrated vapor form.

- **Skin Contact:** May cause mild irritation in sensitive individuals.
- **Eye Contact:** May cause temporary irritation.
- **Ingestion:** Low toxicity; large doses may cause stomach discomfort.

3. Composition / Information on Ingredients

Chemical Name: Cinnamon Extract Liquid 10:1

Botanical Source: *Cinnamomum zeylanicum* (Bark)

CAS Number: Not available (natural mixture)

Active Components: Cinnamaldehyde, Eugenol, Polyphenols, Flavonoids

Concentration: 100% pure extract (10:1 ratio)

Form: Brown to dark brown liquid

4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical advice if irritation persists.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse cautiously with water for several minutes. Seek medical attention if irritation continues.
- **Ingestion:** Rinse mouth with water; do not induce vomiting. Seek medical attention if symptoms occur.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, foam, CO₂.
- **Unsuitable Media:** None known.
- **Special Hazards:** Organic material may produce carbon monoxide and carbon dioxide when burned.
- **Protective Equipment:** Use self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

- **Personal Precautions:** Avoid contact with skin and eyes. Ensure adequate ventilation.

- **Spill Cleanup:** Absorb with inert material (sand or earth) and place in suitable containers. Wash area with soap and water.
 - **Environmental Precautions:** Prevent entry into drains or waterways.
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7. Handling and Storage

- **Handling:** Handle with care. Avoid spillage and direct contact.
 - **Storage:** Store in tightly sealed containers at cool, dry, and well-ventilated place. Keep away from heat, moisture, and direct sunlight.
 - **Temperature:** Recommended storage below 25°C.
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8. Exposure Controls / Personal Protection

- **Engineering Controls:** Provide adequate ventilation.
 - **Personal Protective Equipment:**
 - **Respiratory:** Not required under normal use.
 - **Eye Protection:** Safety goggles.
 - **Skin Protection:** Gloves and lab coat.
 - **Hygiene Measures:** Wash hands after handling.
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9. Physical and Chemical Properties

- **Appearance:** Brown to dark brown liquid
- **Odor:** Characteristic cinnamon aroma
- **Solubility:** Soluble in water and alcohol
- **pH:** 4.0 – 6.0
- **Specific Gravity:** ~1.05 – 1.15
- **Boiling Point:** >100°C
- **Flash Point:** >90°C
- **Stability:** Stable under normal conditions

10. Stability and Reactivity

- **Chemical Stability:** Stable under normal temperatures and pressures.
- **Incompatible Materials:** Strong oxidizers, strong acids.
- **Hazardous Decomposition Products:** Carbon oxides.
- **Conditions to Avoid:** Excessive heat, direct sunlight.

11. Toxicological Information

- **Acute Toxicity:** Non-toxic at normal usage levels.
- **Skin Irritation:** Mild; may cause irritation in sensitive individuals.
- **Eye Irritation:** Mild temporary irritation possible.
- **Chronic Effects:** No known chronic effects.
- **LD50:** Not available; considered safe for food applications.

12. Ecological Information

- **Ecotoxicity:** Not expected to be hazardous to the environment.
- **Biodegradability:** Readily biodegradable.
- **Bioaccumulative Potential:** Low.
- **Mobility in Soil:** Moderate; soluble in water.

13. Disposal Considerations

- Dispose of material in accordance with local regulations.
- Avoid release into drains, surface water, or soil.
- Containers should be thoroughly cleaned and recycled where possible.

14. Transport Information (Detailed)

UN Number: Not applicable (non-hazardous material)

UN Proper Shipping Name: Cinnamon Extract Liquid 10:1

Transport Hazard Class(es): Not regulated under IMDG, IATA, or ADR.

Packing Group: Not applicable

Environmental Hazards: Not environmentally hazardous.

Special Precautions for User:

- Ensure containers are tightly closed and upright to prevent leakage.
- Protect from physical damage and exposure to sunlight.
- Transport at ambient temperature (below 30°C).
Transport in Bulk: Not applicable – not transported in bulk according to MARPOL Annex II.
Label Required: None.
Mode of Transport: Can be transported safely by air, sea, or road without special precautions.
Additional Notes: Product is stable and non-flammable; ensure packaging is leak-proof.

15. Regulatory Information

- **India (FSSAI / BIS):** Permitted for use in food and nutraceutical formulations.
- **Global Regulations:** Not listed as a hazardous substance.
- **Labeling Requirements:** None required under normal use.

16. Other Information

Disclaimer:

The information provided in this MSDS is believed to be accurate and reliable as of the date of revision. However, no warranty is expressed or implied regarding its accuracy or completeness. Users should perform their own assessment before use.

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