

Material Safety Data Sheet (MSDS)

Product Name: Ginseng Root Extract 4:1

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: Ginseng Root Extract 4:1

Synonyms: Panax Ginseng Extract, Ginseng Powder Extract

Recommended Use: Nutraceutical, Herbal Supplement, Food Ingredient, Cosmetic Ingredient

2. Hazards Identification

- Not classified as hazardous under GHS
- May cause mild skin or eye irritation in sensitive individuals
- Dust may cause respiratory irritation
- Combustible organic powder – dust explosion risk

GHS Classification: Not hazardous

Signal Word: None

3. Composition / Information on Ingredients

Substance: Ginseng Root Extract 4:1

CAS Number: Not assigned

EINECS: Not available

Purity: ≥ 98% extract content

Form: Fine powder

4. First Aid Measures

Inhalation: Move to fresh air, seek medical attention if irritation persists

Skin Contact: Wash with soap and water

Eye Contact: Rinse eyes with water for several minutes

Ingestion: Rinse mouth, drink water; seek medical advice if discomfort occurs

5. Fire Fighting Measures

- Suitable extinguishing media: Water spray, dry chemical, foam, CO₂
 - Combustion products: Carbon oxides, organic vapors
 - Dust may form explosive mixture with air
 - Firefighters should wear protective equipment
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6. Accidental Release Measures

- Avoid dust formation
 - Sweep or vacuum carefully
 - Use personal protective equipment
 - Dispose according to local regulations
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7. Handling and Storage

Handling: Avoid dust inhalation, use in ventilated areas

Storage: Store in cool, dry, well-sealed container, away from light and moisture

Temperature: < 25°C recommended

8. Exposure Controls / Personal Protection

No occupational exposure limits established

Protection:

- Respiratory: Dust mask recommended
- Hands: Gloves
- Eyes: Safety goggles
- Clothing: Protective clothing if dust exposure is high

9. Physical and Chemical Properties

Appearance: Light brown powder

Odor: Characteristic herbal

Solubility: Partially soluble in water

pH: 4.5 – 6.5

Bulk Density: 0.4 – 0.7 g/cm³

Flash Point: Not applicable

10. Stability and Reactivity

Stable under recommended storage conditions

Avoid: Heat, moisture, ignition sources

Incompatible materials: Strong oxidizers

Hazardous decomposition: CO, CO₂

11. Toxicological Information

Low toxicity expected

Possible mild irritation to skin, eyes, respiratory tract

No known chronic effects when used appropriately

12. Ecological Information

Biodegradable

No significant environmental hazards expected

Avoid large discharge into waterways

13. Disposal Considerations

Dispose in accordance with local, regional, national regulations

Do not release into environment

14. Transport Information (DETAILED)

UN Number: Not applicable

UN Proper Shipping Name: Not regulated

Transport Hazard Class: Not classified as hazardous for transport

Packaging Group: Not applicable

Marine Pollutant: No

Transport Regulations:

- **ADR/RID (Road/Rail):** Not regulated
- **IMDG (Sea Transport):** Not regulated; not a marine pollutant
- **IATA/ICAO (Air Transport):** Not regulated as dangerous goods

Special Transport Precautions:

- Keep container tightly closed to prevent moisture absorption
- Protect from physical damage, heat, and direct sunlight
- Avoid generating dust during handling
- Use sealed packaging to prevent contamination

Bulk Transport: Not intended for transport in bulk per IMO instruments

15. Regulatory Information

Not classified as hazardous under global chemical regulations

No specific labeling required

16. Other Information

This MSDS is based on current knowledge and intended for safety guidance.

Users must ensure suitability for their specific application.

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