

Material Safety Data Sheet (MSDS)

Product Name: Panax Ginseng Extract 10:1

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd

1101- City Centre 2,

Science City Road,

Sola Ahmedabad Gujarat,

India - 380060.

Contact No.: +91 97272 88479

Email: info@rawpharmabiz.com

Website: www.rawpharmabiz.com

1. Identification of the Substance/Preparation and Company

Product Name: Panax Ginseng Extract 10:1

Synonyms: Ginseng Root Extract, Panax Extract

Use of Product: Nutraceuticals, herbal supplements, food additives, pharmaceuticals, cosmetics.

2. Hazards Identification

- **Classification:** Not classified as hazardous under GHS.
- **Major Hazards:**
 - May cause mild irritation to eyes or skin.
 - Dust may cause respiratory discomfort.
- **Signal Word:** None
- **Hazard Statements:**

- H303: May be harmful if swallowed in excessive quantities.
 - H335: May cause respiratory irritation (dust).
 - **Precautionary Statements:**
 - Avoid dust formation.
 - Use in well-ventilated areas.
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3. Composition / Information on Ingredients

Substance: Panax Ginseng Extract

Botanical Source: *Panax ginseng* root

Form: Fine brown powder

Concentration: 10:1 extract ratio

Additives: None

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 cautiously with water for several minutes.
 - **Ingestion:** Rinse mouth. Seek medical advice if large quantity swallowed.
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, CO₂, dry chemical, foam.
 - **Hazardous Combustion Products:** CO, CO₂, organic vapors.
 - **Protective Equipment:** Use self-contained breathing apparatus.
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6. Accidental Release Measures

- Avoid generating dust.
- Sweep or vacuum using a HEPA filter.
- Dispose of in closed containers.

- Ensure adequate ventilation.

7. Handling and Storage

- **Handling:** Avoid breathing dust; use PPE.
- **Storage:** Keep container tightly closed.
- Store in cool, dry, well-ventilated environment away from heat and sunlight.

8. Exposure Controls / Personal Protection

- **Respiratory Protection:** Dust mask or respirator.
- **Eye Protection:** Safety goggles.
- **Skin Protection:** Gloves recommended.
- **Engineering Controls:** Adequate ventilation.

9. Physical and Chemical Properties

- **Appearance:** Light to medium brown powder
- **Odor:** Characteristic herbal smell
- **Solubility:** Partially soluble in water
- **Bulk Density:** Approx. 0.4–0.6 g/mL
- **pH (1% solution):** 4.5–6.5
- **Flash Point:** Not applicable
- **Melting Point:** Not available

10. Stability and Reactivity

- **Stability:** Stable under normal storage conditions.
- **Avoid:** Excessive heat, moisture, strong oxidizers.
- **Hazardous Decomposition:** CO, CO₂, organic fumes.

11. Toxicological Information

- **Acute Toxicity:** Low; based on herbal nature.
- **Irritation:** May cause mild irritation to skin and eyes.
- **Sensitization:** Not expected but possible in sensitive individuals.
- **Carcinogenicity:** Not classified.

12. Ecological Information

- **Eco-toxicity:** Not expected to be hazardous.
- **Biodegradability:** Naturally biodegradable.
- **Bioaccumulation:** No data but not expected.

13. Disposal Considerations

- Dispose of as per local regulations.
- Avoid disposal into water bodies.
- Recommended to incinerate or send to approved waste facility.

14. Transport Information (DETAILED)

Panax Ginseng Extract 10:1 is **not classified as hazardous** for transport under **UN, IMDG, ICAO, IATA, ADR** regulations.

Below is the detailed transport compliance:

UN Classification

- **UN Number:** Not applicable
- **UN Proper Shipping Name:** Not regulated
- **Transport Hazard Class:** None
- **Packing Group:** Not applicable

Road Transport (ADR/RID)

- Not regulated as dangerous goods.
- No special labeling required.
- Transport in well-sealed packaging to prevent moisture and dust.

Sea Transport (IMDG)

- Not classified as marine pollutant.
- **IMDG Code:** Not applicable
- No special stowage or handling procedures required.
- Keep container dry and sealed.

Air Transport (IATA)

- Not classified as hazardous.
- **IATA Class:** Non-restricted
- Can be shipped as general cargo following standard packaging guidelines.

Additional Notes

- Product should be protected from humidity, contamination, and excessive heat during transit.
- Ensure bags/drums/cartons are intact and properly labeled.
- Avoid transporting with volatile chemicals that may cause contamination.
- Follow GMP transport and warehouse hygiene practices.

15. Regulatory Information

- Not classified under any major hazardous chemical rules.
- Complies with general food/nutraceutical regulatory standards.
- No REACH or TSCA restrictions.

16. Other Information

This MSDS is based on current knowledge and is intended to describe the product for safety handling. It does not constitute a guarantee of specific properties.

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- MSDS are based on the manufacturer's provided information.