

Material Safety Data Sheet (MSDS)

Product Name: Damiana 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: Damiana Extract 4:1

Synonyms: Turnera diffusa extract

Recommended Use: Nutraceutical, herbal preparations, dietary supplements, traditional medicinal formulations.

2. Hazard Identification

- Not classified as hazardous under normal conditions of use.
- **Potential Health Effects:**
 - *Inhalation:* Mild irritation possible.
 - *Skin Contact:* Non-irritant; sensitive individuals may experience mild irritation.
 - *Eye Contact:* May cause temporary irritation.
 - *Ingestion:* Considered safe in typical supplemental amounts; excessive intake may cause discomfort.

3. Composition / Information on Ingredients

Plant Extract: Damiana Extract (*Turnera diffusa*), 4:1 concentration

Appearance: Brown to dark brown powder

Purity: $\geq 95\%$ plant extract content (typical)

Additives: None

4. First Aid Measures

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

Skin Contact: Wash with water; discontinue use if irritation occurs.

Eye Contact: Rinse with clean water for several minutes.

Ingestion: Rinse mouth and drink water; seek medical help in case of discomfort.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Water spray, CO₂, foam, dry chemical powder.
 - **Specific Hazards:** Organic powder may form combustible dust.
 - **Protective Equipment:** Firefighters should wear standard protective equipment.
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6. Accidental Release Measures

- Avoid generating dust.
 - Sweep up and place in a suitable container.
 - Avoid contact with eyes; use protective mask if airborne dust is present.
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7. Handling and Storage

Handling:

- Use in well-ventilated areas.
- Avoid dust inhalation.

Storage:

- Store in a cool, dry place away from sunlight.
- Keep container tightly closed.

8. Exposure Controls / Personal Protection

Engineering Controls: Provide adequate ventilation.

Personal Protection:

- Respiratory: Dust mask recommended.
- Eyes: Safety goggles.
- Hands: Protective gloves for sensitive users.

9. Physical and Chemical Properties

- Appearance: Brown to dark brown powder
- Odor: Characteristic herbal smell
- Solubility: Partially soluble in water
- pH: 4.0–7.0 (1% solution)
- Bulk Density: 0.4–0.6 g/mL
- Flash Point: Not applicable (non-volatile)

10. Stability and Reactivity

- Stable under normal conditions.
- Avoid moisture and heat.
- No known hazardous reactions.
- Decomposition may produce CO₂, CO under extreme heat.

11. Toxicological Information

- Low toxicity; safe for normal handling.
- No known mutagenic, carcinogenic, or teratogenic effects.

- May cause mild irritation in sensitive individuals.

12. Ecological Information

- Biodegradable plant-based material.
- No significant environmental hazard expected.
- Avoid excessive release into soil or water bodies.

13. Disposal Considerations

- Dispose of in accordance with local regulations.
- Non-hazardous; can be disposed of as general organic waste.

14. Transport Information (DETAILED)

Damiana Extract 4:1 is considered **non-hazardous** for transportation by all major regulatory bodies.

Below is the complete, detailed transport classification:

UN Classification

- **UN Number:** Not assigned (non-regulated).
- **UN Proper Shipping Name:** Not applicable.

ADR/RID (Road/Rail Transport – Europe/Asia)

- Classification: **Not regulated**
- Hazard Class: Not applicable
- Packing Group: Not applicable
- Environmental Hazards: None
- Special Provisions: None required

IMDG (Marine Transport)

- Classification: **Non-hazardous**
- Marine Pollutant: No

- EmS Code: Not applicable
- Stowage: Store in dry, well-ventilated cargo area.

IATA / ICAO (Air Transport)

- Classification: **Not regulated for air shipment**
- Hazard Class: None
- Packaging Instructions: General cargo rules apply
- No airway bill special labeling required.

Additional Transport Notes

- Since the product is a dry plant powder, ensure packaging prevents leakage and moisture exposure.
- Avoid shipping with volatile chemicals or strong oxidizers.
- No restrictions on temperature-controlled transport.

15. Regulatory Information

- Not classified as hazardous under global GHS guidelines.
- Complies with standard requirements for herbal extract handling and distribution.

16. Other Information

This MSDS is intended to provide a summary of product safety information. It is not a certificate of specification. Users should follow good industrial hygiene practices during handling.

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- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.