

Material Safety Data Sheet (MSDS)

Product Name: Black Radish Powder

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: Black Radish Powder
- Synonyms: Raphanus sativus niger powder
- Recommended Use: Nutraceuticals, food supplements, herbal formulations, cosmetics.

2. Hazards Identification

- Classification: Non-hazardous natural plant product.
- Possible Hazards: Dust may cause mild irritation to eyes, skin, or respiratory system.
- Not classified as dangerous under GHS.

3. Composition / Information on Ingredients

- Product: 100% Black Radish (Raphanus sativus niger) Root Powder
- Nature: Natural dried & ground powder
- Purity: $\geq 95\%$

4. First Aid Measures

- Eye Contact: Rinse thoroughly with clean water.
- Skin Contact: Wash with soap and water if irritation occurs.
- Inhalation: Move to fresh air; seek medical help if breathing discomfort persists.
- Ingestion: Generally safe; seek medical advice if large amounts cause discomfort.

5. Firefighting Measures

- Suitable Extinguishing Media: Water spray, dry chemical, foam, CO₂.
- Special Hazards: Organic dust may form explosive mixture with air.
- Protective Equipment: Use protective clothing and self-contained breathing apparatus.

6. Accidental Release Measures

- Avoid dust formation.
- Sweep and collect into suitable containers for reuse or disposal.
- Provide ventilation.

7. Handling and Storage

- Handling: Avoid inhalation of dust; use protective mask.
- Storage: Store in cool, dry, and well-ventilated area, away from moisture and direct sunlight.

8. Exposure Controls / Personal Protection

- Engineering Controls: Adequate ventilation.
- PPE: Dust mask, safety goggles, gloves.
- Hygiene: Wash hands after handling.

9. Physical and Chemical Properties

- Appearance: Fine brownish-black powder
- Odor: Characteristic radish-like odor
- Taste: Pungent, bitter
- Solubility: Partially soluble in water
- Stability: Stable under normal conditions

10. Stability and Reactivity

- Stability: Stable at room temperature
- Incompatible Materials: Strong oxidizers
- Hazardous Decomposition: CO, CO₂ on combustion

11. Toxicological Information

- Acute Toxicity: Not reported
- Irritation: Dust may cause mild eye, skin, and respiratory irritation
- Sensitization: Not known to cause sensitization
- Safe for human consumption in regulated quantities

12. Ecological Information

- Biodegradability: Readily biodegradable
- Eco-toxicity: No adverse environmental impact known
- Safe for soil and water in small concentrations

13. Disposal Considerations

- Disposal: Dispose of as biodegradable organic waste
- Follow local environmental regulations

14. Transport Information (Detailed)

- UN Number: Not applicable (not classified as hazardous material)
- UN Proper Shipping Name: Not regulated – Black Radish Powder (Natural Product)
- Transport Hazard Class: Not applicable – Non-hazardous substance
- Packing Group: Not assigned – Product is safe under normal transport conditions
- Environmental Hazards: None identified; product is biodegradable and eco-friendly
- Special Precautions:
 - Avoid moisture exposure during transit
 - Store in sealed, food-grade packaging
 - Prevent breakage of packaging to avoid spillage
 - Handle in a manner to minimize dust generation
- Regulatory Status: Exempt from ADR, IMDG, and IATA classification as dangerous goods
- Land Transport (ADR/RID): Not restricted
- Sea Transport (IMDG): Not restricted
- Air Transport (IATA/ICAO): Not restricted

15. Regulatory Information

- Not classified as hazardous under GHS regulations.
- Complies with food-grade raw material guidelines.

16. Other Information

- This MSDS is issued for informational purposes.
- Black Radish Powder is safe when used as directed in nutraceuticals, herbal, and food applications.
- Users should ensure suitability for their specific applications.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024

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