

Material Safety Data Sheet (MSDS)

Product Name: Calcified Seaweed Powder

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

- **Chemical Name:** Calcified Seaweed Powder
- **Synonyms:** Seaweed Calcium, Marine Algae Powder
- **CAS Number:** Not applicable
- **Chemical Formula:** Mainly CaCO_3 with organic seaweed matrix

2. Composition / Information on Ingredients

- **Main Component:** Calcified marine algae powder
- **Typical Content:** Calcium carbonate (CaCO_3) ~30–40%, organic seaweed residue ~60–70%

3. Hazards Identification

- **GHS Classification:** Not classified as hazardous
- **Potential Health Effects:**

- **Inhalation:** May cause mild respiratory irritation if inhaled in large quantities.
- **Skin Contact:** Generally non-irritant.
- **Eye Contact:** May cause mild mechanical irritation.
- **Ingestion:** Non-toxic but excessive ingestion may cause gastrointestinal discomfort.

4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse cautiously with water for several minutes; remove contact lenses if present.
- **Ingestion:** Rinse mouth; drink water; seek medical attention if necessary.

5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry powder, or CO₂.
- **Unsuitable Extinguishing Media:** None known.
- **Special Hazards:** None; non-flammable.

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust inhalation; wear protective mask and gloves.
- **Environmental Precautions:** Prevent entry into drains or waterways.
- **Methods for Cleaning:** Sweep or vacuum; avoid generating dust.

7. Handling and Storage

- **Handling:** Avoid dust formation; use adequate ventilation.
- **Storage:** Store in a cool, dry, and well-ventilated area. Keep container tightly closed.

8. Exposure Controls / Personal Protection

- **Occupational Exposure Limits:** Not established.
 - **Engineering Controls:** Local exhaust ventilation if dust is generated.
 - **Personal Protective Equipment:**
 - Respiratory protection: Dust mask
 - Eye protection: Safety goggles
 - Hand protection: Gloves
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9. Physical and Chemical Properties

- **Appearance:** Off-white to light brown powder
 - **Odor:** Slight marine / earthy odor
 - **pH:** 8–9 (aqueous suspension)
 - **Melting Point:** Not applicable
 - **Solubility:** Insoluble in water, soluble in dilute acids
 - **Density:** ~0.6–0.8 g/cm³
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10. Stability and Reactivity

- **Chemical Stability:** Stable under normal conditions.
 - **Conditions to Avoid:** Moisture, extreme heat.
 - **Incompatible Materials:** Strong acids (e.g., HCl) can react releasing CO₂.
 - **Hazardous Decomposition Products:** None under normal use.
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11. Toxicological Information

- **Acute Toxicity:** Low
 - **Chronic Toxicity:** No known chronic effects
 - **Irritation / Sensitization:** May cause mild irritation to eyes and respiratory tract
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12. Ecological Information

- **Environmental Impact:** Generally non-toxic to aquatic life
 - **Persistence and Degradability:** Biodegradable organic fraction
 - **Bioaccumulation Potential:** Low
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13. Disposal Considerations

- **Waste Disposal:** Dispose of in accordance with local regulations. Avoid dust release into the environment.
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14. Transport Information (Detailed)

- **UN Number:** Not regulated
 - **UN Proper Shipping Name:** Not applicable
 - **Transport Hazard Class:** Not classified
 - **Packing Group:** Not applicable
 - **Environmental Hazards:** Non-hazardous for transport
 - **Special Precautions:**
 - Handle containers carefully to avoid spillage
 - Prevent dust generation during loading/unloading
 - Use suitable containment during transport to minimize dust exposure
 - **Transport Mode Considerations:**
 - **Road / Rail:** Transport in sealed bags or containers; avoid wet conditions
 - **Sea:** Pack to prevent water ingress; not classified as marine pollutant
 - **Air:** Non-hazardous; follow IATA regulations for powder materials
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15. Regulatory Information

- Not classified as hazardous under Indian or international regulations.
 - Complies with REACH and TSCA where applicable.
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16. Other Information

- **Disclaimer:** Information provided in this MSDS is based on current knowledge and experience. It does not constitute a warranty for specific properties. Users should assess suitability for their purposes and comply with applicable regulations.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.