

Material Safety Data Sheet (MSDS)

Product Name: Talc Powder IP Grade

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

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1. Identification of the Substance/Preparation and of the Company

- **Chemical Name:** Talc
- **Synonyms:** Hydrated Magnesium Silicate
- **CAS Number:** 14807-96-6
- **Grade:** IP (Indian Pharmacopoeia)

2. Composition / Information on Ingredients

- **Talc (Magnesium Silicate)** – 100% pure, conforms to IP Grade standards.

3. Hazard Identification

- Not classified as hazardous under normal handling conditions.
- May cause minor irritation to eyes, skin, or respiratory tract if inhaled as dust.

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if breathing difficulty occurs.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice if irritation persists.
- **Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical attention if large quantity is ingested.

5. Firefighting Measures

- **Extinguishing Media:** Water spray, dry chemical, foam, or CO₂.
- **Special Hazards:** Non-flammable, but may produce dust clouds which can be combustible.
- **Protective Equipment:** Use self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

- Avoid generating dust.
- Sweep or vacuum material and place in suitable container for disposal.
- Ensure proper ventilation.

7. Handling and Storage

- Handle in a well-ventilated area.
- Avoid inhalation of dust and contact with eyes and skin.
- Store in a cool, dry place in tightly closed containers.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Adequate ventilation.
- **Personal Protection:**
 - Dust mask or respirator
 - Safety goggles
 - Protective gloves and clothing

9. Physical and Chemical Properties

- **Appearance:** Fine white to off-white powder
- **Odor:** Odorless
- **pH:** 8–9 (1% suspension in water)
- **Solubility:** Insoluble in water
- **Melting Point:** >1300°C
- **Density:** 2.58–2.83 g/cm³

10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Reactivity:** No hazardous reactions under normal use.
- **Conditions to Avoid:** Avoid excessive dust generation.
- **Incompatible Materials:** Strong acids may react.

11. Toxicological Information

- **Oral Toxicity:** Low toxicity
- **Skin Irritation:** Mild, possible irritation with prolonged exposure
- **Eye Irritation:** Mild irritation
- **Chronic Effects:** Prolonged inhalation may cause lung effects

12. Ecological Information

- **Biodegradability:** Not biodegradable
- **Ecotoxicity:** Non-toxic to aquatic organisms

13. Disposal Considerations

- Dispose in accordance with local regulations.
- Avoid release into the environment.

14. Transport Information (Detailed)

- **UN Number:** Not regulated
- **Proper Shipping Name:** Talc Powder
- **Transport Hazard Class:** Not classified as dangerous for transport
- **Packing Group:** Not applicable
- **Transport Modes:**
 - **Road (ADR/RID):** Not regulated
 - **Air (IATA):** Not regulated
 - **Sea (IMDG):** Not regulated
- **Precautions for Transport:**
 - Avoid generation of dust during handling and transportation.
 - Ensure containers are properly sealed and secured to prevent spillage.
 - Use clean vehicles free from incompatible substances.
 - In case of accidental spillage, follow measures mentioned in section 6.
- **Labeling Requirements:** No special labeling required under transport regulations.

15. Regulatory Information

- Complies with Indian Pharmacopoeia (IP) standards
- Not classified as hazardous under OSHA, EU CLP, or GHS guidelines

16. Other Information

- **Disclaimer:** This MSDS provides information to the best of our knowledge and is intended to describe the product for health, safety, and environmental purposes. It should not be considered a guarantee of product properties.
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- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.