

Material Safety Data Sheet (MSDS)

Product Name: Light Kaolin Cosmetic Grade

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:** Light Kaolin
- **Synonyms:** China Clay, Cosmetic Kaolin
- **CAS Number:** 1332-58-7
- **Recommended Use:** Cosmetic formulations, face masks, powders, and other personal care products.

2. Composition / Information on Ingredients

- Light Kaolin Cosmetic Grade is a naturally occurring hydrated aluminum silicate mineral.
- It is essentially pure kaolin ($\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$) with cosmetic grade purity.
- Contains no added hazardous chemicals.

3. Hazards Identification

- **GHS Classification:** Not classified as hazardous.

- **Potential Health Effects:**
 - **Inhalation:** May cause mild respiratory irritation if dust is inhaled.
 - **Skin Contact:** Generally non-irritating.
 - **Eye Contact:** May cause mild irritation.
 - **Ingestion:** Low toxicity; large amounts may cause gastrointestinal discomfort.
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4. First Aid Measures

- **Inhalation:** Move to fresh air; consult a physician 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; do not induce vomiting. Seek medical attention if discomfort persists.
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5. Fire-Fighting Measures

- **Flammability:** Non-flammable.
 - **Suitable Extinguishing Media:** Water spray, dry chemical, foam, or CO₂.
 - **Special Hazards:** None.
 - **Protective Equipment:** Wear self-contained breathing apparatus if dust is generated.
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6. Accidental Release Measures

- Avoid generating dust.
 - Sweep or vacuum spills; place in a suitable container for disposal.
 - Avoid release to watercourses.
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7. Handling and Storage

- **Handling:** Avoid inhalation of dust. Use proper personal protective equipment (PPE).
- **Storage:** Store in a cool, dry, ventilated area. Keep containers tightly closed.

8. Exposure Controls / Personal Protection

- **Occupational Exposure Limits:** Not established.
- **Engineering Controls:** Local exhaust ventilation recommended.
- **Personal Protective Equipment (PPE):**
 - Respiratory: Dust mask if airborne particles are present.
 - Eyes: Safety goggles.
 - Skin: Gloves recommended if prolonged contact occurs.

9. Physical and Chemical Properties

- **Appearance:** Fine, white to off-white powder
- **Odor:** Odorless
- **pH:** 6.5–7.5 (in 5% slurry)
- **Solubility:** Insoluble in water
- **Bulk Density:** 0.7–0.9 g/cm³
- **Melting Point:** Decomposes above 1200°C

10. Stability and Reactivity

- **Chemical Stability:** Stable under normal conditions.
- **Incompatibility:** Strong acids may react, forming gels.
- **Hazardous Decomposition Products:** None under normal conditions.
- **Conditions to Avoid:** Avoid moisture and high humidity during storage.

11. Toxicological Information

- **Acute Toxicity:** Not toxic.
- **Chronic Effects:** No known chronic effects.
- **Sensitization:** Not a known sensitizer.

- **Carcinogenicity:** Not listed by IARC, NTP, or OSHA.
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12. Ecological Information

- **Ecotoxicity:** Low. Not harmful to aquatic organisms.
 - **Persistence/Degradability:** Naturally occurring mineral; inert.
 - **Bioaccumulation:** Not bioaccumulative.
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13. Disposal Considerations

- Dispose of in accordance with local regulations.
 - Avoid disposal into drains, sewers, or watercourses.
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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
 - **Transport Precautions:**
 - Ensure containers are properly sealed.
 - Protect from moisture and contamination.
 - Transport in dry conditions to avoid dust release.
 - **Mode-specific Notes:**
 - **Road (ADR/RID):** Not restricted; use standard precautions for powders.
 - **Sea (IMDG):** Not regulated; avoid release to marine environments.
 - **Air (IATA/ICAO):** Not restricted; ensure packaging prevents dust dispersion.
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15. Regulatory Information

- Not classified as hazardous under GHS/OSHA/EU regulations.
- Complies with cosmetic grade standards for Kaolin.

16. Other Information

- This information is based on current knowledge and is intended to describe the product for health, safety, and environmental purposes.
- Users should ensure product is used according to recommended guidelines.
- **Disclaimer:** The supplier assumes no liability for improper use or handling.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.