

Material Safety Data Sheet (MSDS)

Chocolate Clay

(Blend of Raw Cocoa Powder & Dark Rhassoul Clay)

1. Product Identification & Composition

- **Product Name:** Chocolate Clay
 - **Synonyms:** Cocoa Rhassoul Clay, Cocoa Clay Blend
 - **Main Ingredients & CAS Numbers:**
 - Moroccan Lava Clay (Dark Rhassoul) – CAS No.: **12174-11-7** (*Illite/Smectite clay composition*) – Percentage 80-90%
 - Theobroma Cacao (Cocoa) Powder – CAS No.: **84649-99-0** – Percentage 10-20%
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2. Hazards Identification

- **Classification (GHS/OSHA):** Not classified as hazardous
 - **Physical State:** Fine powder
 - **Color:** Brown
 - **Odor:** Characteristic cocoa aroma
 - **Hazards:** Inhalation of dust may cause mild respiratory irritation; may cause mild eye irritation if contact occurs
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3. First Aid Measures

- **Skin Contact:** Wash with soap and water if irritation occurs
- **Eye Contact:** Rinse cautiously with water; remove contact lenses if applicable
- **Inhalation:** Move to fresh air; seek medical attention if discomfort persists
- **Ingestion:** Non-toxic food-grade cocoa; rinse mouth if necessary

4. Fire Fighting Measures

- **Fire Hazard:** Non-combustible (clay) but cocoa powder is combustible dust in high concentration
 - **Suitable Extinguishing Media:** Use media appropriate for surrounding fire
 - **Special Protective Equipment:** Not required for clay; use dust mask in case of cocoa dust clouds
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5. Accidental Release Measures

- Avoid creating dust clouds
 - Sweep or vacuum and place into a suitable container for reuse or disposal
 - Follow local waste disposal regulations
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6. Handling & Storage

- **Handling:** Avoid breathing dust; use dust mask if necessary
 - **Storage:** Keep in sealed container in a cool, dry place, away from strong odors and moisture
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7. Exposure Controls / Personal Protection

- **Eyes:** Safety glasses recommended
 - **Skin:** Gloves if prolonged contact
 - **Respiratory:** Dust mask if airborne particles are generated
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8. Physical and Chemical Properties

- **Appearance:** Brown fine powder
- **Odor:** Chocolate aroma
- **pH (10% slurry):** ~6.0–7.5

- **Solubility in Water:** Partially dispersible (cocoa fats remain insoluble)
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9. Stability and Reactivity

- **Chemical Stability:** Stable under normal conditions
 - **Conditions to Avoid:** Excessive moisture, high humidity
 - **Hazardous Decomposition Products:** None known
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10. Toxicological Information

- Non-toxic for cosmetic and food applications
 - May cause mild respiratory irritation if inhaled in dust form
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11. Ecological Information

- Naturally occurring clay and plant-derived cocoa; biodegradable and environmentally safe
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12. Disposal Considerations

- Dispose of according to local regulations; can be composted if uncontaminated
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13. Transport Information

- Not classified as dangerous goods by ADR/RID, IMDG, or IATA
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14. Regulatory Information

- Exempt from chemical registration under REACH as a naturally occurring mineral & plant-based blend

15. Other Information

- Prepared according to EU Regulation (EC) No. 1907/2006 (REACH) •

For cosmetic and wellness product use only

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties

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Last revised 2025-08-20