

Material Safety Data Sheet (MSDS)

Product Name: Cocoa 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

Product Name: Cocoa Powder

Synonyms: Theobroma Cacao Powder

Chemical Formula: Not applicable (natural product)

Recommended Use: Food ingredient, nutraceuticals, cosmetics, and pharmaceuticals

2. Hazard Identification

- **Classification:** Non-hazardous substance.
- **Physical State:** Powder
- **Hazard Statements:** Not classified as dangerous according to Regulation (EC) No. 1272/2008.
- **Health Hazards:** Dust may cause mild respiratory irritation or allergic reaction in sensitive individuals.
- **Environmental Hazards:** No known significant environmental hazards.

3. Composition / Information on Ingredients

Substance: 100% Natural Cocoa Powder

CAS No.: 84649-99-0

EINECS No.: 283-480-6

Composition: Theobroma cacao seed powder, naturally derived, no additives.

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if irritation persists.
 - **Skin Contact:** Wash with soap and water.
 - **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present.
 - **Ingestion:** Rinse mouth with water. Non-toxic; seek medical advice if discomfort occurs.
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO₂.
 - **Unsuitable Media:** None known.
 - **Special Hazards:** Dust may form explosive mixtures with air.
 - **Protective Equipment:** Firefighters should wear suitable protective gear and self-contained breathing apparatus.
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6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation. Use protective mask and gloves.
 - **Environmental Precautions:** Avoid release into drains.
 - **Cleanup Methods:** Sweep or vacuum without raising dust. Dispose according to local regulations.
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7. Handling and Storage

- **Handling:** Handle in well-ventilated areas. Avoid dust inhalation.

- **Storage:** Store in a cool, dry place away from moisture, sunlight, and strong odors.
 - **Shelf Life:** 2 years under recommended conditions.
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8. Exposure Controls / Personal Protection

- **Occupational Exposure Limits:** Not established.
 - **Respiratory Protection:** Dust mask recommended.
 - **Eye Protection:** Safety goggles if dust exposure likely.
 - **Skin Protection:** Protective gloves and clothing.
 - **Hygiene Measures:** Wash hands before eating or drinking.
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9. Physical and Chemical Properties

- **Appearance:** Brown fine powder
 - **Odor:** Characteristic cocoa aroma
 - **Solubility:** Slightly soluble in water
 - **pH (10% solution):** 5.5 – 7.5
 - **Melting Point:** Not applicable
 - **Flash Point:** Not applicable
 - **Bulk Density:** 0.4 – 0.7 g/cm³
 - **Moisture Content:** ≤ 8%
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10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
 - **Incompatible Materials:** Strong oxidizing agents.
 - **Decomposition Products:** Carbon oxides on combustion.
 - **Hazardous Polymerization:** Will not occur.
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11. Toxicological Information

- **Acute Toxicity:** Non-toxic (natural food material).
 - **Skin Irritation:** Non-irritant.
 - **Eye Irritation:** May cause mild irritation due to dust.
 - **Sensitization:** Possible in sensitive individuals.
 - **Carcinogenicity/Mutagenicity:** None known.
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12. Ecological Information

- **Ecotoxicity:** Not expected to be harmful to aquatic life.
 - **Biodegradability:** Biodegradable.
 - **Bioaccumulation:** Not expected.
 - **Mobility in Soil:** Low.
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13. Disposal Considerations

- **Product Disposal:** Dispose of in accordance with local environmental regulations.
 - **Packaging Disposal:** Recycle or dispose as per local norms.
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14. Transport Information (Detailed)

UN Number: Not applicable (non-hazardous).

UN Proper Shipping Name: Cocoa Powder

Transport Hazard Class: Not classified as hazardous for transport.

Packing Group: Not applicable.

Environmental Hazards: None.

Transport in Bulk: Not applicable.

Special Precautions:

- Avoid moisture and direct sunlight during transport.
- Ensure containers are tightly sealed and protected from physical damage.
- Avoid contamination with chemicals or strong-smelling substances.

Transport Regulations:

- **ADR/RID (Road/Rail Transport - Europe):** Not regulated.
- **IMDG (Maritime Transport):** Not regulated as dangerous goods.
- **IATA (Air Transport):** Not regulated as hazardous cargo.
- **Domestic Transport (India):** Safe for transport under normal temperature and humidity conditions.

15. Regulatory Information

- **Regulations:** This product complies with EU food safety and Indian FSSAI standards.
- **Labeling Requirements:** None required for non-hazardous products.

16. Other Information

Disclaimer: The information above is believed to be accurate and represents the best data currently available. The information is provided for guidance in safe handling, storage, and use of the material.

- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.