

Material Safety Data Sheet (MSDS)

Product Name: Soya Lecithin 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: Soya Lecithin Powder

Synonyms: Soy Lecithin, Phosphatidylcholine, Lecithin (Soy Derived)

Chemical Formula: Mixture of phospholipids

CAS Number: 8002-43-5

Recommended Use: Used as an emulsifier, stabilizer, and dietary supplement in food, pharmaceutical, and cosmetic industries.

2. Hazard Identification

- **Classification:** Not classified as hazardous according to GHS criteria.
- **Hazard Statements:** Not applicable.
- **Precautionary Statements:**
 - Avoid excessive dust formation.
 - Use appropriate personal protective equipment (PPE).

- Avoid inhalation of dust.
 - **Potential Health Effects:**
 - **Inhalation:** Dust may cause mild respiratory irritation.
 - **Skin Contact:** May cause mild irritation on prolonged contact.
 - **Eye Contact:** Dust may cause mechanical irritation.
 - **Ingestion:** Generally regarded as safe (GRAS) when used in food quantities.
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3. Composition / Information on Ingredients

Substance: Soya Lecithin Powder

Nature of Material: Natural mixture of phospholipids, triglycerides, and glycolipids

Purity: ≥95% Phospholipids

Impurities Contributing to Hazard: None known

4. First Aid Measures

- **Inhalation:** Move person to fresh air. If irritation persists, seek medical attention.
 - **Skin Contact:** Wash affected area with soap and water.
 - **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation continues.
 - **Ingestion:** Rinse mouth with water. Seek medical attention if discomfort occurs.
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5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Dry chemical, CO₂, water spray, or foam.
- **Special Hazards:** Dust may form explosive mixtures with air under certain conditions.
- **Fire Fighting Instructions:**
 - Wear self-contained breathing apparatus.
 - Use standard fire-fighting procedures.
- **Combustion Products:** Carbon monoxide (CO), carbon dioxide (CO₂).

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation; use protective equipment.
- **Environmental Precautions:** Avoid discharge into drains or surface water.
- **Spill Cleanup Methods:** Sweep or vacuum to avoid dust. Dispose of in accordance with local regulations.

7. Handling and Storage

- **Handling:** Avoid inhalation of dust. Handle in well-ventilated areas.
- **Storage:** Store in a cool, dry place away from direct sunlight and moisture. Keep container tightly closed.
- **Incompatible Materials:** Strong oxidizing agents.

8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not established.
- **Engineering Controls:** Ensure adequate ventilation.
- **Personal Protection:**
 - **Respiratory Protection:** Use dust mask if airborne dust is present.
 - **Skin Protection:** Use gloves and protective clothing.
 - **Eye Protection:** Safety goggles recommended.
 - **Hygiene Measures:** Wash hands after handling.

9. Physical and Chemical Properties

- **Appearance:** Light yellow to brownish fine powder
- **Odor:** Characteristic mild odor
- **Solubility:** Insoluble in water, soluble in oils and alcohols
- **Melting Point:** 60–70°C
- **Boiling Point:** Not applicable

- **Flash Point:** >200°C
- **Bulk Density:** 0.5 – 0.7 g/cm³
- **pH (1% solution):** 6.0–7.5
- **Stability:** Stable under normal conditions

10. Stability and Reactivity

- **Chemical Stability:** Stable under normal storage and handling.
- **Conditions to Avoid:** Excessive heat, open flame, moisture.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** CO, CO₂ under fire conditions.

11. Toxicological Information

- **Acute Toxicity:** Not toxic.
- **Skin Corrosion/Irritation:** Non-irritant.
- **Eye Damage/Irritation:** Mild mechanical irritation possible.
- **Carcinogenicity:** Not listed by IARC, OSHA, or NTP.
- **Mutagenicity / Reproductive Toxicity:** Not expected.

12. Ecological Information

- **Ecotoxicity:** Non-toxic to aquatic life.
- **Biodegradability:** Readily biodegradable.
- **Bioaccumulation Potential:** Low.
- **Mobility in Soil:** Low mobility.

13. Disposal Considerations

- **Waste Disposal:** Dispose of in accordance with local, regional, and national regulations.
- **Contaminated Packaging:** Rinse and recycle or dispose of safely.

14. Transport Information (*Detailed*)

UN Number: Not applicable (Non-hazardous material)

UN Proper Shipping Name: Soya Lecithin Powder

Transport Hazard Class: Not classified as hazardous for transport.

Packing Group: Not applicable

Environmental Hazards: Not applicable – non-toxic, biodegradable product.

Transport in Bulk (IMDG, IATA, ADR): Not regulated under IMDG Code, IATA DGR, or ADR/RID.

Special Precautions for Transport:

- Keep container tightly closed during transport.
- Avoid exposure to direct sunlight, heat, and moisture.
- Prevent damage to packaging to avoid dust release.
- Recommended storage temperature during transport: below 25°C.

Labeling Requirements: None – not a hazardous material.

Additional Notes:

Soya Lecithin Powder is considered safe for transport by land (ADR/RID), sea (IMDG), and air (IATA). Ensure containers are properly sealed to avoid contamination or moisture absorption.

15. Regulatory Information

- **GHS Classification:** Not hazardous.
- **Regulatory Status:** Approved for use in food and pharmaceutical products (GRAS).
- **Compliance:** Meets international standards (EU, FDA, FSSAI).

16. Other Information

Disclaimer:

This information is believed to be accurate and represents the best data currently available to us. Users should make their own investigations to determine suitability of the product for their particular purposes.

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