

Material Safety Data Sheet (MSDS)

Product Name: Vitamin E Acetate Powder 50% IP 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

Product Name: Vitamin E Acetate Powder 50% IP Grade

Synonyms: DL- α -Tocopheryl Acetate, Vitamin E Acetate

Recommended Use: Pharmaceutical ingredient, Nutraceutical, Dietary supplement, Cosmetic additive.

2. Hazard Identification

Classification: Not classified as hazardous according to GHS.

Physical State: Powder

Hazards:

- May cause mild eye or skin irritation.
- Dust may cause respiratory irritation.
- Not combustible but may burn if involved in fire.

GHS Label Elements:

- **Signal Word:** None
- **Hazard Statements:** Not hazardous under normal handling.
- **Precautionary Statements:** Avoid inhalation of dust; avoid contact with eyes and skin.

3. Composition / Information on Ingredients

This product consists primarily of DL- α -Tocopheryl Acetate (CAS No. 58-95-7) with an approximate concentration of 50%. The remainder of the composition includes carriers such as starch, sucrose, gelatin, or silica, which act as stabilizers and support ingredients in the powdered form.

4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water; seek medical advice if irritation occurs.
- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes.
- **Ingestion:** Rinse mouth and drink water; seek medical attention if feeling unwell.

5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, CO₂, or foam.
- **Unsuitable Media:** None known.
- **Specific Hazards:** Emits carbon oxides under fire conditions.
- **Protective Equipment:** Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

- Avoid dust formation.
- Sweep up and place in a suitable container for disposal.
- Ventilate area and wash spill site after material pickup.

7. Handling and Storage

- Handle in accordance with good industrial hygiene.
- Store in tightly closed container, in a cool, dry, well-ventilated place.
- Protect from light, heat, and moisture.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Provide adequate ventilation.
- **Personal Protection:**
 - **Respiratory:** Dust mask (P2 type).
 - **Eye:** Safety goggles.
 - **Skin:** Gloves and lab coat.
- **Hygiene Measures:** Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Vitamin E Acetate Powder 50% IP Grade is a white to off-white, free-flowing powder with a mild characteristic odor. It is insoluble in water but soluble in organic solvents. The melting point of the active ingredient (Vitamin E Acetate) is approximately 2–5°C. The product has a neutral pH and a bulk density ranging from 0.4 to 0.6 g/cm³. It has a high flash point, typically above 200°C, indicating good thermal stability.

10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Incompatible Materials:** Strong oxidizing agents.
- **Decomposition Products:** Carbon monoxide, carbon dioxide.
- **Conditions to Avoid:** Excessive heat, moisture, and light exposure.

11. Toxicological Information

- **Acute Toxicity:** Low toxicity; LD₅₀ (oral, rat) > 5000 mg/kg.
- **Irritation:** Mild skin and eye irritant.

- **Sensitization:** No known sensitizing effects.
- **Chronic Effects:** No data indicating carcinogenicity, mutagenicity, or reproductive toxicity.

12. Ecological Information

- **Ecotoxicity:** Not expected to be toxic to aquatic life.
- **Persistence/Degradability:** Biodegradable.
- **Bioaccumulation:** Low potential.
- **Mobility in Soil:** Low.

13. Disposal Considerations

- Dispose of in accordance with local, regional, and national regulations.
- Do not discharge into drains or the environment.
- Can be incinerated in approved facility.

14. Transport Information (Detailed)

UN Number: Not applicable

UN Proper Shipping Name: Non-hazardous material

Transport Hazard Class: Not regulated as hazardous under ADR, IMDG, or IATA.

Packing Group: Not applicable

Environmental Hazards:

- Not classified as a marine pollutant.
- No environmental hazard during normal transportation.

Special Precautions for User:

- Avoid generation of dust during loading/unloading.
- Protect packaging from mechanical damage and moisture.

Transport in Bulk (MARPOL 73/78, IBC Code):

- Not applicable; product not intended for bulk transport.

Labels Required: None

Additional Information:

- Ensure product containers are sealed and labeled properly.
- During long-distance transport, keep away from heat and direct sunlight.
- Handle with care to prevent spillage or contamination.

15. Regulatory Information

- **Regulations:** Complies with IP standards for pharmaceutical ingredients.
- **Labeling Requirements:** Not classified as hazardous.
- **Inventory Status:** Listed or exempted under international chemical inventories.

16. Other Information

Disclaimer: The information above is believed to be accurate and represents the best data currently available to us. Users should make their own investigation to determine suitability for their 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.