

Material Safety Data Sheet (MSDS)

Product Name: Vitamin D3 Stabilized 100000 IU/gm

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 D3 Stabilized 100000 IU/gm

Chemical Name: Cholecalciferol (Stabilized)

Synonyms: Vitamin D3, Cholecalciferol

Recommended Use: Nutraceutical, Food fortification, Supplement manufacturing

Molecular Formula: C₂₇H₄₄O

CAS Number: 67-97-0

EC Number: 200-673-2

2. Hazards Identification

- Not classified as hazardous when handled correctly.
- **Potential Health Effects:**
 - Excessive exposure may cause hypercalcemia.
 - Avoid ingestion of high doses.

- **Routes of Exposure:** Inhalation, ingestion, skin contact, eye contact.
 - **GHS Classification:** Not classified as dangerous goods.
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3. Composition / Information on Ingredients

Cholecalciferol (Vitamin D3 Stabilized)

Purity: 100000 IU/gm

Form: Powder / Granular

4. First Aid Measures

- **Inhalation:** Move to fresh air; seek medical help if irritation persists.
 - **Skin Contact:** Wash with soap and water.
 - **Eye Contact:** Rinse with plenty of water for several minutes.
 - **Ingestion:** Rinse mouth; seek medical attention if consumed in large quantities.
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, CO₂, dry chemical powder.
 - **Hazards:** May emit fumes under fire conditions.
 - **Protective Equipment:** Firefighters should wear protective clothing and breathing apparatus.
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6. Accidental Release Measures

- Avoid dust formation.
 - Sweep up and place in suitable container.
 - Prevent contamination of water sources.
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7. Handling and Storage

- Handle in well-ventilated area.
- Store in a cool, dry, dark place.

- Keep container tightly sealed.
- Avoid heat and direct sunlight.

8. Exposure Controls / Personal Protection

- **Respiratory Protection:** Dust mask if dust is generated.
- **Eye Protection:** Safety goggles.
- **Skin Protection:** Gloves and protective clothing.
- **Engineering Controls:** Local exhaust ventilation recommended.

9. Physical and Chemical Properties

- **Appearance:** Free-flowing powder
- **Color:** White to off-white
- **Odor:** Odorless
- **Solubility:** Insoluble in water
- **Stability:** Stable under normal conditions

10. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- **Incompatibilities:** Strong oxidizing agents, strong acids.
- **Hazardous Decomposition:** CO₂, CO, fumes when burnt.

11. Toxicological Information

- **Acute Toxicity:** Low toxicity at recommended levels.
- **Chronic Exposure:** Overdose may cause hypervitaminosis D.
- **Irritation:** Mild skin/eye irritation possible.

12. Ecological Information

- Not expected to be hazardous to the environment.
- Avoid release into soil or water in large quantities.

13. Disposal Considerations

- Dispose in accordance with local regulations.
- Do not dispose into natural water bodies.

14. Transport Information (DETAILED)

UN Number: Not applicable (Non-hazardous).

UN Proper Shipping Name:

- Vitamin D3 Powder (Non-regulated material)

Transport Hazard Class:

- Not classified under any hazardous class (ADR, IMDG, ICAO, IATA).

Packaging Group:

- Not applicable.

Environmental Hazards:

- Not considered an environmental hazard.
- No marine pollutant.

Special Precautions for Transport:

- Store away from heat and sunlight.
- Use tightly sealed, moisture-proof packaging.
- Avoid physical damage during handling.
- Maintain cool, dry transport conditions.

Transport Labels Required:

- No hazard labels required.

Regulatory Transport Notes:

- Product is stable and safe for international transport.
 - Not subject to ADR/RID, IMDG, IATA regulations.
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15. Regulatory Information

- Complies with food and nutraceutical regulations when used as directed.
 - Not classified as hazardous under GHS guidelines.
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16. Other Information

- The information is based on current knowledge and intended for safe handling guidelines.
- Users must comply with local regulations.
- For industrial use only.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.