

Material Safety Data Sheet (MSDS)

Product Name: Vitamin AD3 Feed Grade

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

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1. Identification of the Substance/Preparation and Company

Product Name: Vitamin AD3 Feed Grade

Product Type: Feed Additive / Nutritional Supplement

2. Hazard Identification

- Classification: Generally not classified as hazardous under normal conditions of use.
- May cause mild irritation to eyes, skin, or respiratory tract due to dust.
- Excessive exposure may lead to discomfort or allergic reactions in sensitive individuals.

Potential Health Effects

Eye Contact: May cause temporary irritation.

Skin Contact: Prolonged contact may cause dryness or irritation.

Inhalation: Dust may irritate nose and throat.

Ingestion: Large quantities may cause gastrointestinal discomfort.

3. Composition / Information on Ingredients

- Vitamin A Acetate – Nutritional Vitamin Source
 - Vitamin D3 – Nutritional Vitamin Source
 - Carrier/Base Material – Feed Grade Carrier
 - Stabilizers – As required
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4. First Aid Measures

- **Eye Contact**
Flush eyes with clean water for at least 15 minutes. Seek medical attention if irritation persists.
 - **Skin Contact**
Wash affected area with soap and water.
 - **Inhalation**
Move person to fresh air. Seek medical attention if breathing difficulty occurs.
 - **Ingestion**
Rinse mouth with water. Drink plenty of water. Consult physician if discomfort continues.
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5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical powder, foam, carbon dioxide.
 - **Hazardous Combustion Products:** Carbon oxides and irritating fumes.
 - **Protective Equipment:** Self-contained breathing apparatus and protective clothing.
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6. Accidental Release Measures

- Avoid dust formation.
 - Sweep or vacuum spilled material carefully.
 - Place material into suitable containers for disposal.
 - Avoid release into drains and waterways.
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7. Handling and Storage

Handling

- Avoid generating dust.
- Use proper ventilation.
- Avoid contact with eyes and prolonged skin contact.

Storage

- Store in cool, dry, and well-ventilated area.
 - Keep container tightly closed.
 - Protect from moisture, heat, and direct sunlight.
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8. Exposure Controls / Personal Protection

- **Engineering Controls**
Local exhaust ventilation recommended.
 - **Personal Protective Equipment**
 - **Eye Protection:** Safety goggles.
 - **Hand Protection:** Protective gloves.
 - **Respiratory Protection:** Dust mask if dust is generated.
 - **Body Protection:** Protective work clothing.
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9. Physical and Chemical Properties

Appearance: Yellow to brown free-flowing powder

Odor: Characteristic

Solubility: Partially soluble in water

pH: Not Available

Melting Point: Not Available

Flash Point: Not Available

Density: Not Available

10. Stability and Reactivity

- Stable under recommended storage conditions.
- Avoid excessive heat, moisture, and direct sunlight.
- Incompatible with strong oxidizing agents.

Hazardous Decomposition Products

- Carbon monoxide
 - Carbon dioxide
 - Irritating fumes
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11. Toxicological Information

- Low toxicity under normal handling conditions.
 - Excessive inhalation of dust may irritate respiratory tract.
 - Prolonged exposure may cause mild skin or eye irritation.
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12. Ecological Information

- Avoid uncontrolled release into the environment.
 - No known significant environmental hazards under normal use.
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13. Disposal Considerations

- Dispose according to local, regional, and national regulations.
 - Do not discharge into drains or natural water bodies.
 - Contaminated packaging should be disposed properly.
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14. Transport Information (Detailed)

General Transport Guidance

- Vitamin AD3 Feed Grade is generally transported as a non-hazardous feed additive product. Transport should be conducted in sealed and properly labeled containers to prevent contamination, moisture absorption, and physical damage.

Road Transport (ADR/RID)

- Not classified as dangerous goods.
- Transport in covered vehicles protected from rain and direct sunlight.
- Keep away from strong oxidizing materials and chemicals with strong odors.

Sea Transport (IMDG)

- Not classified as hazardous for marine transport.
- Containers should remain dry and tightly sealed during shipment.
- Protect cargo from excessive humidity and temperature fluctuations.

Air Transport (IATA)

- Not classified as dangerous goods for air transport.
- Use moisture-resistant packaging.
- Ensure packaging integrity to avoid leakage or dust generation.

Packaging Requirements

- Use food/feed-grade approved packaging.
- Multi-layer paper bags, HDPE bags, or fiber drums are recommended.

- Packaging must remain tightly closed during transportation.

Storage During Transport

- Recommended transport temperature: Cool and dry conditions.
- Avoid exposure to direct sunlight and high humidity.
- Do not store near acids, oxidizers, or volatile chemicals.

UN Number

- Not regulated / No UN Number assigned.

Hazard Class

- Non-hazardous material.

Packing Group

- Not applicable.

Environmental Hazards

- No specific marine pollutant classification.

Special Precautions

- Avoid rough handling that may damage packaging.
- Prevent contamination with feed-incompatible materials.
- Maintain proper hygiene conditions during loading and unloading.

15. Regulatory Information

- Product intended for feed industry use.
- Follow applicable local and national regulations regarding feed additives and worker safety.

16. Other Information

- The information provided in this MSDS is based on current knowledge and is intended for guidance regarding safe handling, storage, transportation, and usage of the product. It does not constitute a warranty or guarantee of product specifications.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.