



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

VITAMIN D3 COATED POWDERS

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: March 2008

Synonyms: Cholecalciferol; Vitamin D3 100; Vitamin D3 500 and Vitamin D3 850

CAS #: 67-97-0

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Proprietary compound, composed non-hazardous ingredients of various amounts of Vit D3 and hydrogenated castor oil, BHA, BHT, Dicalcium Phosphate and cetyl alcohol.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: An off white to yellowish fine granular powder, that presents little or no health hazard and no unusual hazard if involved in a fire.

POTENTIAL HEALTH EFFECTS:

Skin: May cause irritation.

Eyes: May cause irritation or burning.

Inhalation: May cause irritation to the respiratory tract.

Ingestion: Not a hazard with normal industrial use.

CARCINOGENICITY: Not Identifiable

SECTION 4 - FIRST AID MEASURES

Signs & Symptoms of Exposure: Dust symptoms: Low risk allergies.

Prolonged Contact: May product sensitization.

Skin: Immediately wash skin with soap and water for at least 15 minutes.

Eyes: Immediately flush with plenty of water for at least 15 minutes, holding eye lids apart.

Inhalation: Remove to the fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Wash out mouth with water.

On All Of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Water, carbon dioxide, foam or dry chemical suitable for surrounding fire.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turn-out gear.

Unusual Fire Explosion Hazard: During a fire, irritating and highly toxic gasses may be generated by thermal decomposition or combustion. Dust can form and explosive mixture with air.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Handle with care. Use an enclosure to control dust levels. Store at room temperature, approximately 20 °C, away from moisture, light and heat.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: In case dusts are present, a laboratory fume hood or an appropriate respirator should be used.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION: Safety glasses should be worn. Protective gloves are recommended. An eye wash should be available, wear lab coat or protective clothing with long sleeves.

WORK, HYGIENIC PRACTICES:

Wash hands and arms thoroughly after handling this material, clean up spills immediately.

EXPOSURE LIMITS: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Determined.

Vapor Pressure (MM Hg): Not Available

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H₂O=1): Not Available

Percent Volatile by Volume (%): Not Applicable

Melting Point: Not Applicable

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Water dispersible.

pH: Not Available

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: When exposed to light and heat, potency will deteriorate.

HAZARDOUS POLYMERIZATION: Not determined nor anticipated under normal handling & storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Determined.

KEEP AWAY FROM: Moisture, direct sunlight, heat, conditions that might generate heat.

INCOMPATIBILITIES: Strong oxidizing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Vitamin D3 Coated Powder

SECTION 15 - REGULATORY INFORMATION

OSHA STATUS: Not listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance Not listed

Section 313 Toxic Chemicals: Not listed

Section 311/312 Hazard Category: Not considered a hazard.

SECTION 16 - OTHER INFORMATION

Reason for Issue: New Product

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