

Section 1. Product and Company Identification

**Product Name** Vitamin D3 in Corn Oil

**Parchem - fine & specialty chemicals**

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**New Rochelle, NY 10801**

**(914) 654-6800** **(914) 654-6899**

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EMERGENCY RESPONSE NUMBER

CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

**GHS Classification**

Acute Tox. 3 Inhalation, STOT RE 2

Acute Toxicity, Oral, category 4

Acute Toxicity, Inhalation, category 3

STOT, repeated exposure, category 2

**GHS Label Elements**

**Pictograms:**



**Signal word:** DANGER

**Hazard and precautionary statements**

**Hazard Statements**

H302 Harmful if swallowed.

H331 Toxic if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statements**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P270 Do not eat, drink, or smoke when using this product.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P311 Call a POISON CENTER or doctor/physician.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.



Section 3. Composition / Information on Ingredients

**Common Name** Vitamin D3 in Corn Oil  
**Synonym(s)** Vitamin D3 (Cholecalciferol) 1,000,000 IU/g in Corn Oil

| COMPONENT                    | CAS NUMBER | CONCENTRATION |
|------------------------------|------------|---------------|
| Vitamin D3 (Cholecalciferol) | 67-97-0    | 2.5 – 10% wt. |

Section 4. First Aid Measures

**Inhalation:** Give oxygen or artificial respiration if needed. Remove to fresh air immediately. Get medical attention immediately.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. If rash or irritation develops, consult a physician.

**Eye Contact:** If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

**Ingestion:** If ingested, consult a physician. Rinse mouth with water.

Section 5. Firefighting Measures

**Unusual Fire and Explosion Hazards:** Burning produces irritant fumes.

**Special Firefighting Procedures:** Use a self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode.

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

Section 6. Accidental Release Measures

**Environmental Precautions:** Contain any spills immediately and dike area to prevent spreading. Package material and dispose of as hazardous waste.

**Steps to be taken in case Material is Released or Spilled:** Absorb residue with suitable chemical absorbent. Dispose of material in accordance with all federal, state and local regulations. Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact.

Section 7. Handling and Storage

**Handling:** Avoid breathing vapor and contact with eyes, skin and clothing. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. To reduce potential for static discharge, bond and ground containers when transferring material. Practice good caution and personal cleanliness to avoid skin and eye contact. Do not eat, drink, or smoke while handling this product. Wash hands after handling and before eating. Use only in well-ventilated areas.

**Storage:** Keep container tightly closed when not in use. Keep in a well-ventilated place.

Section 8. Exposure Controls / Personal Protection

**Ingredients with Occupational Exposure Limits**

| Chemical Name                   | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL-CEILING |
|---------------------------------|---------------|----------------|--------------|------------------|
| Vitamin D3<br>(Cholecalciferol) | N.E.          | N.E.           | N.E.         | N.E.             |

**Further Advice**

MEL = Maximum Exposure Limit  
 OES = Occupational Exposure Standard  
 SUP = Supplier's Recommendation  
 Sk = Skin Sensitizer  
 N.E. = Not Established

**Personal Protection**

**Respiratory Protection:** Atmospheric levels should be maintained below exposure limits using ventilation. Use NIOSH-approved full face respirator with multi-purpose combination cartridge as a backup to engineering controls. If the respirator is the sole means of protection, use a NIOSH-approved full face supplied air respirator.

**Skin Protection:** Chemical-resistant gloves and safety glasses and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

**Eye Protection:** Use goggles or safety glasses.

**Other Protective Equipment:** Use good hygiene practices. Wash face and hands before eating, drinking, and smoking. Eye wash and safety showers should be readily available.

**Hygienic Practices:** Contaminated clothing should be changed and washed before reuse. Eating, drinking, and smoking in immediate work area should be prohibited. Wash hands and face before breaks and immediately after handling the product.

Section 9. Physical and Chemical Properties

**Appearance:** Light-Yellow Liquid

**Physical State:** Liquid

**Odor:** Characteristic

**Odor Threshold:** Not Measured

**Density:** 1.002 g/cm<sup>3</sup>

**pH:** Not Measured

**Freeze Point:** Not Measured

**Viscosity:** Not Measured

**Soluble in Water:** Not Soluble

**Partition Coefficient (n-Octanol/water):** Not Measured

**Decomposition temperature:** Not Measured

**Boiling Range:** Not Measured

**Explosive Limits:** Not Measured



**Combustibility:** Supports Combustion  
**Flash Point:** 93°C  
**Evaporation Rate:** Not Measured  
**Auto-Ignition Temperature** Not Measured  
**Vapor Density:** Not Measured  
**Vapor Pressure:** Not Measured

Section 10. Stability and Reactivity

**Stability:** Stable under normal conditions.  
**Conditions To Avoid:** None known  
**Incompatibility:** None known  
**Hazardous Decomposition Products:** No hazardous decomposition products are known.

Section 11. Toxicological Information

**Effect of Overexposure**

**Inhalation:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

**Skin Contact:** Direct skin contact may cause irritation.

**Eye Contact:** Mist and vapors may cause eye irritation. Direct eye contact may cause irritation.

**Ingestion:** May be harmful if swallowed. May cause nausea, vomiting, and diarrhea.

**Carcinogenicity:** No Information

**Primary Routes of Entry:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

**Acute Toxicity Values**

**The acute effects of this product have not been tested. Data on individual components are tabulated below**

| CAS-No. | Chemical Name                   | Oral LD50            | Dermal LD50           | Vapor LC50              |
|---------|---------------------------------|----------------------|-----------------------|-------------------------|
| 67-97-0 | Vitamin D3<br>(Cholecalciferol) | 35 - 47 mg/kg<br>Rat | 61 - 185 mg/kg<br>Rat | 0.13 - 0.38 mg/l<br>Rat |

N.I. = No Information

Section 12. Ecological Information

**Ecological Information:** This product has no known eco-toxicological effects.

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.



Section 14. Transport Information

**Special Transport Precautions:** No Information  
**DOT UN/NA Number:** No Information  
**DOT Proper Shipping Name:** No Information  
**DOT Technical Name:** No Information  
**DOT Hazard Class:** No Information  
**Hazard Sub-Class:** No Information  
**Packing Group:** No Information  
**Resp. Guide Page:** No Information

Section 15. Regulatory Information

**U.S. Federal Regulations:**

**CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: None Known

**SARA Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: No Sara 313 components exist in this product.

**Toxic Substances Control Act:** This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: No TSCA components exist in this product.

**US State Regulations:**

**New Jersey Right-To-Know:**

The following hazardous materials are among the components in this product.  
Vitamin D3 (Cholecalciferol) (CAS# 67-97-0)

**Pennsylvania Right-To-Know**

The following hazardous ingredients are present in the product at greater than 3%.  
No PA Right-To-Know components exist in this product.

**California Proposition 65 Carcinogens**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer: No Proposition 65 Carcinogens exist in this product.

**California Proposition 65 Reproductive Toxins**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.  
No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -**

**Canadian WHMIS:** This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class** No Information



Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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