

**MATERIAL SAFETY DATA SHEET**

*Complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200)*

**EMERGENCY INFORMATION TELEPHONE NUMBER: CHEM-TEL 1- 800-255-3924**

**REFERENCE: ITEM NO. : EZP042**

**PRODUCT NAME Vitamin D3 (Liquid)**

**DESCRIPTION  
Animal Feed Supplement**

**General information:  
866-881-3889**

**DISTRIBUTOR INFORMATION:**

Clearview  
675 Laura Lane  
Tontitown, AR 71770

**DATE PREPARED:**

11-03-2005  
01-15-2008 sm/fd

**SIGNATURES (Optional)**

**MANUFACTURER'S INFORMATION**

H. Wilson Manufacturing Co., Inc. // EZ PAK, LLC  
48 Lyle Field Road PO Box 481  
Jefferson, GA 30549

**PREPARED By:**  
Stephen F. Driggers

**REVIEWED By:**  
Stephen F. Driggers

|                   |                    |               |          |                   |          |                     |          |                 |          |
|-------------------|--------------------|---------------|----------|-------------------|----------|---------------------|----------|-----------------|----------|
| <b>HMS RATING</b> | <b>Concentrate</b> | <b>HEALTH</b> | <b>2</b> | <b>REACTIVITY</b> | <b>0</b> | <b>FLAMMABILITY</b> | <b>0</b> | <b>PERSONAL</b> | <b>B</b> |
| <b>HMS RATING</b> | <b>Diluted</b>     | <b>HEALTH</b> | <b>1</b> | <b>REACTIVITY</b> | <b>0</b> | <b>FLAMMABILITY</b> | <b>0</b> | <b>PERSONAL</b> | <b>B</b> |

**HAZARD RATINGS: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme A = Safety Glasses B = Safety Glasses & Gloves G = Glasses & Gloves & Vapor Respirator**

**SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous Components (Specific Chemical Identity) CAS # OSHA PEL ACGIH TLV NIOSH % (Optional)**

‡ Germicidal Actives \* SARA Title III Section 313 Reportable N/A = Not Applicable N/E = Not Established N/D = Not Determined N/L Not Listed

**SECTION 3 - HAZARDS IDENTIFICATION (Potential Health Effects)**

**POSSIBLE ROUTES OF ENTRY INTO THE BODY:**

**HEALTH HAZARDS:**

**SIGNS AND SYMPTOMS OF EXPOSURE: If in eyes:** Burning, redness **If on skin:** Redness

**If dust is inhaled:** Not determined **If swallowed:** Burning of mouth and mucous membranes

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Eye contact may result in irritation and may cause eye burns. Ingestion may result in moderately severe burns to mouth, esophagus and stomach. Skin contact may result in moderate to severe irritation. Prolonged over exposure may result in elevated copper content in liver tissue.

**CARCINOGENICITY:** NOT LISTED AS CARCINOGENIC ACCORDING TO IARC, NTP, OR OSHA.

**SECTION 4 - FIRST AID MEASURES**

**If in eyes:** Flush with water 15 minutes. Seek medical attention at once. **If on skin:** Flush with large amounts of water. Get medical attention if skin becomes irritated. **If on clothes:** Flush with large amounts of water while removing contaminated clothing. Wash contaminated clothing before reuse. **If spray mist or dust is inhaled:** If symptoms are experienced, remove victim to fresh air. If symptoms persist, get medical attention.

**If swallowed:** Get medical attention. Drink large amounts of milk or water. Do not induce vomiting.

**SECTION 5 - FIRE FIGHTING MEASURES**

**FLASH POINT:** N/A **(METHOD USED):** Flammable Limits: **LEL:** **UEL:**

**EXTINGUISHING MEDIA:** DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER.

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES & DISPOSAL**

**SMALL SPILLS:** Sweep up spill. If solution, take up on absorbent material.

**LARGE SPILLS:** Sweep up spill. If solution, contain spill and take up on absorbent material.

**SECTION 7 - HANDLING & STORAGE**

**HANDLING:** Avoid contact with skin. Wash hands after handling and before eating, drinking, smoking or using toilet facilities. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

**STORAGE:** Do not store container on side. Store away from hypochlorites.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Mechanical Ventilation (General): Not required. Local Exhaust: Not required.

**RESPIRATORY PROTECTION:** None.

**SKIN PROTECTION:** Chemical gloves.

**EYE PROTECTION:** Chemical goggles or face mask.

**WORK/HYGIENE PRACTICES:** Standard good manufacturing and industrial hygiene practices should be followed.

**SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES**

|                                    |                             |          |                              |     |
|------------------------------------|-----------------------------|----------|------------------------------|-----|
| <b>Appearance and Odor:</b> Powder |                             |          |                              |     |
| <b>Boiling Point:</b> N/A          | <b>Specific Gravity:</b>    | N/A      | <b>pH (Concentrate):</b>     | N/A |
| <b>Vapor Pressure:</b>             | <b>Solubility In Water:</b> | Complete | <b>pH (Diluted): @ 1:258</b> |     |
| <b>Vapor Density:</b>              | <b>Melting Point:</b>       |          | <b>Evaporation Rate:</b>     |     |

**SECTION 10 - STABILITY & REACTIVITY**

**STABILITY:** **HAZARDOUS POLYMERIZATION:** will not occur. **INCOMPATIBILITY (Materials or Conditions to Avoid):** Hypochlorites.

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS:** Upon decomposition in a fire this product may yield carbon monoxide.

**SECTION 11 - DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Product wastes are toxic to aquatic life. Improper disposal of excess product, mixture, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions contact your State Environmental Protection Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**SECTION 12 - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** NOT REGULATED

**NOTE:** The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied is given. It is the responsibility of the user to comply with all Federal, State and Local laws and regulations.