

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910:1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) VITAMIN D3 (CHOLECALCIFEROL)		The information contained herein is based on data Considered accurate; however, no warranty is either expressed or implied of any nature with respect to the product or the data is made.	
Section I			
Manufacturer's Name ANIMAL SCIENCE PRODUCTS, INC		Emergency Telephone Number 1-800-424-9300 CHEMTREC	
Address (Number, Street, City, and ZIP Code) FM 1275 SOUTH, NACOGDOCHES, TX, 75963-1408		Telephone Number for Information 1-800-657-2324 ANIMAL SCIENCE PRODUCTS, INC	
PO DRAWER 631408		Date Prepared 04/28/2000	
		Signature of Preparer (Optional)	
Section II - Hazardous Ingredients/Identity Information			
Ingredient, CAS#, PEL/TLV-SOURCE, Percent			
Vitamin D3 (CAS 67-97-0)	156,000 IU/G	OSHA Hazard --	Y
Propylene Glycol (CAS 57-55-6)		--	Y
1-Propanol (CAS 71-23-8)		--	Y
Stabilizer: BHT (CAS 128-37-0)	3	--	Y
Section III - Physical/Chemical Characteristics			
Boiling Point: Not Available		Specific Gravity (H ₂ O=1)	1.01 at 20 C (6
Vapor Pressure (mm Hg.) Not Available		Melting Point	Not Available
Vapor Density (AIR=1) Not Available		Evaporation Rate (Butyl Acetate=1)	NA
Solubility in water: Dispersible		pH: Not Applicabl	pH=
Appearance and Odor: Slightly brown oily liquid; slight odor			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used): 62 C (143 F) Closed cup		Flammable Limits: Combustible	LEL 2.2 UEL 14
Extinguishing Media: Dry chemical, foam, water, carbon dioxide			
Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to f			
Unusual Fire and Exposion Hazard: Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.			

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Combustible materials, heat, open flame, spark
	Stable	This material is sta	
Compatibility (Materials to Avoid): Strong bases, strong acids, strong oxidizing agents			
Hazardous Decomposition or Byproducts: Oxides of carbon			
Hazardous Polymerization	May Occur		Conditions to Avoid: Not Applicable
	Will Not Occur	Will Not Occur	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation? Moderate Skin Low Eyes? Moderate Ingestion? Moderate			
EFFECTS OF OVEREXPOSURE: Respiratory tract irritation, redness of skin, burning of mouth and mucous membranes, burning of eyes.			
FIRST AID PROCEDURES: Eyes: Flush with water for 15 minues lifting upper and lower lids occassionally. Skin Contact: Wash thoroughly with soap and water for 15 minutes Ingestion: Drink large quantities of milk or water. Inhalation: Move individual to fresh air.			
PREEXISTING CONDITIONS THAT MAY BE AGGRAVATED BY EXPOSURE: No specific information found.			
Section VII - Precautions for Safe Handling and Use			
Steps to be takein in case material is released or spilled: Dispose in accordance with all State and Federal regulations			
Waste Disposal Method: Absorb with an inert absorbent. Sweep up and place in an appropriate closed container. Cleean up residual material by washing area with water. Collect washings for disiposal. Use non-sparking tools. Safe Handling Procedures: Avoid breathing vapors. Avoid direct or prolonged contact with skin and eyes. Use nonsparking tools and grounded/bonded equipment and containers when transferring. Store under a blanket of inert gas.			
Section VIII - Control Measures			
Respiratory Protection: When required, select NIOSH/MSHA approved equipment based on actualor potential airborne concentrations. In the absence of other airborne			
Protective Gloves: Gloves that are durable as well as permeation re Eye Protection: Safety glasses with side shields			
Other Clothing or Equipment: None			