

SAFETY DATA SHEET



Vitamin D3 *plus* Natural E500 Dispersible Liquid Concentrate

Item # 21-1489

1. SUBSTANCE IDENTITY/COMPANY CONTACT INFORMATION

PRODUCT NAME: Oral-Pro™ Vitamin D3 *plus*
Natural E500 Dispersible Liquid Concentrate

MOLECULAR FORMULA: Mixture

USE: Supplement for oral use in baby pigs and in drinking water for nursery or finishing pigs

SUPPLIER:

Aurora Pharmaceutical, LLC
1196 South Highway 3
Northfield, MN 55057

TELEPHONE NUMBERS:

Emergency (Chemtrec 24 hours): (800) 424-9300
Information: (888) 215-1256

2. HAZARDS IDENTIFICATION

Signal word: WARNING

Pictograms



HAZARD STATEMENTS

H226 – Flammable liquid and vapor

H318 – Causes serious eye damage

H332 – Harmful if inhaled.

H372 – Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

P210, P261, P264, P270, P271, P280 – Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in well-ventilated area. Wear protective gloves/eye protection/face protection.

P304, P312, P305, P351, P338, P310, P314, P340, P403, P235, and P501 – If inhaled: Call a poison center or doctor/physician if you feel unwell. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing. Remove victim to fresh air and keep at rest in a position comfortable for breathing.

OTHER HAZARDS

CARCINOGENIC STATUS: Ingredients are not considered carcinogenic by NTP, IARC, or OSHA.

EFFECTS OF EXPOSURE: May cause serious eye damage. May be harmful if inhaled. May cause eye and skin irritation and redness, respiratory tract irritation, intoxication and loss of coordination. Ingestion of large quantities may cause vomiting, diarrhea and headache.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Adverse effects may arise if taking

anticoagulants, colestipol, cholestyramine, mineral oil, oral contraceptives, Vitamin A and/or Vitamin E therapy.

EXPOSURE LIMIT FOR THE MATERIAL: Not established.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Mixture of the substances listed in this section.

INGREDIENT 1

COMMON NAME: Poly (oxy-1,2-ethandiyl), α -hydro- ω -hydroxy-Ethane-1,2-diol, ethoxylated
% BY WEIGHT: 75-100%
CAS NUMBER: 25322-68-3

INGREDIENT 2

COMMON NAME: Sorbitan momooleate, ethoxylated
% BY WEIGHT: 10-25%
CAS NUMBER: 9005-65-6

INGREDIENT 3

COMMON NAME: Ethyl (S)-2-hydroxypropionate
% BY WEIGHT: 5-10%
CAS NUMBER: 687-47-8

INGREDIENT 4

COMMON NAME: Vitamin D3
% BY WEIGHT: 1-5%
CAS NUMBER: 67-97-0

4. FIRST AID MEASURES

EYES: Remove contact lenses, if present. Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, obtain medical attention.

SKIN: Wash off with soap and water. If reaction occurs, seek medical attention.

INHALATION: Move to fresh air. If unconscious, seek medical attention.

INGESTION: If conscious, give 1-2 glasses of water to drink. Seek medical attention. Do not leave victim unattended.

5. FIRE FIGHTING MEASURES

FLASH POINT: 54°C (130°F).

LOWER EXPLOSION LIMIT (LEL): Not applicable.

UPPER EXPLOSION LIMIT (UEL): Not applicable.

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical or alcohol resistant foam. Do not use water jet.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full-body protective equipment. Cool containers exposed to fire with water.

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Closed containers may rupture due to buildup of pressure when exposed to extreme heat.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

Keep away from heat, sparks, open flames, hot surfaces. No smoking.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Eliminate all sources of ignition until the area is determined to be free from explosion or fire hazards. Avoid breathing vapors. Ensure adequate ventilation. Avoid direct or prolonged contact with skin, eyes and clothing.

ENVIRONMENTAL PRECAUTIONS: Do not let product enter drains. Do not flush into surface water. Do not flush to groundwater and soil.

METHODS FOR CLEANING UP: Absorb the liquid with inert absorbent, then transfer into a suitable container for disposal. Clean up residual material using water. Collect washings for disposal, do not flush down drain.

7. HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse.

STORAGE: Store at room temperature. Store in a dry area away from heat, sparks, open flame, direct sunlight, and incompatible materials. Maximum storage temperature <109°F. Protect from physical damage. Reseal containers immediately after use. Store away from food and beverages. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations. Respirator with an organic cartridge is recommended.

VENTILATION: Good general ventilation may suffice. If occupational exposure limits are exceeded, a respirator is to be worn.

HAND PROTECTION: Chemical resistant gloves.

EYE PROTECTION: Safety glasses with side shields.

Care should be taken to avoid accidental exposure.

OTHER PROTECTIVE EQUIPMENT: Suitable protective clothing and chemical resistant boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Odor: Slight, characteristic

pH: NA

Flash Point: 54°C (130°F)

Auto ignition Temperature: NA

Boiling Point/Range: NA

Melting Point/Range: NA

Flammability (solid, gas): NA

Upper/Lower Flammability: NA

Vapor Pressure: NA

Vapor Density: NA

Density: 0.99g/mL

Water Solubility: NA

Reactivity in Water: NA

Decomposition Temperature: NA

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

PHYSICAL CONDITIONS TO AVOID: Combustible materials, heat, open flame and sparks.

INCOMPATIBILITY WITH OTHER

MATERIALS: Strong bases, strong acids and strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Inhalation, category 4.

Serious eye damage/irritation, category 1.

CHRONIC TOXICITY:

STOT-repeated exposure, category 1.

Causes damage to organs through prolonged or repeated exposure.

REPRODUCTIVE/DEVELOPMENTAL

TOXICITY:

Non-teratogenic.

12. ECOLOGICAL INFORMATION

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Observe all federal, state and local regulations when disposing of this substance.

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14. TRANSPORT REGULATIONS

Shipping name: Combustible liquid
Transport hazard class: DOT Hazard Class 3
Packaging Group: III

15. REGULATORY INFORMATION

California Proposition 65: To the best of our knowledge, this product does not contain any components that are regulated under Proposition 65.

16. OTHER INFORMATION

Revision Date: 5/30/2018

The information and recommendations presented in this SDS are based on sources believed to be accurate. Aurora Pharmaceutical, LLC assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.