

SAFETY DATA SHEETS

This SDS packet was issued with item:

078696806

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078696798 078713237

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078917105 078917121 078917146

MATERIAL SAFETY DATA SHEET
VEDCO VITAMIN A & D 100ML

SECTION 1 - PRODUCT INFORMATION

Manufacturer: Sparhawk Laboratories
Address: 12340 Santa Fe Trail Drive
Lenexa Kansas 66215
Emergency Phone: (800) 424-9300
Trade Name: Vitamin AD Injection
Chemical Name And Synonyms: Vitamin AD
Chemical Family: Vitamins
Formula: NA Chemical Mixture

SECTION 2 - HAZARDOUS INGREDIENTS

Ethyl Alcohol 8%: TLV=400ppm

SECTION 3 - PHYSICAL DATA

Boiling Point (Deg F): 100 C
Vapor Pressure (mm Hg):
Vapor Density (Air = 1):
Solubility In Water: Miscible
Appearance And Odor: Clear pink to red solution. Vitamin odor.
Specific Gravity (H₂O = 1): 0.94
Volatile By Volume:
Evaporation Rate:
Melting Point:

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NA
Flammable Limits: NA
Extinguishing Media: As appropriate for surrounding material.
Special Fire Fighting Procedures: None
Unusual Fire And Explosion Hazards: None

SECTION 5 - HEALTH HAZARD DATA

Threshold Limit Value: NA
Effects Of Overexposure: Nausea, vomiting, shortness of breath.
Emergency First Aid Procedure:
Eyes: Flush with water for 15 minutes. Seek medical attention if irritation develops.
Skin: Wash with soap and water. Seek medical attention if irritation develops.
Inhalation: Remove to fresh air. Apply artificial respiration if needed.
Ingestion: Induce vomiting if victim is conscious. Seek medical attention if adverse reactions occur.

SECTION 6 - REACTIVITY DATA

Stability: () Unstable (XX) Stable

Conditions To Avoid: None known.

Incompatibility (Materials To Avoid): Heat, Open Flame

Hazardous Polymerizations: () May Occur (XX) Will Not Occur

Conditions To Avoid: None known.

SECTION 7 - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled:

Flush to drain with plenty of water.

Waste Disposal Method: As per federal, state and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Not normally needed.

Ventilation: Not normally required.

Protective Gloves: If desired.

Other Protective Equipment: Eye protection.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Store as per label directions.

Other Precautions:

NOTE,

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS PROVIDED IN GOOD FAITH AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, THE MANUFACTURER ASSUMES NO WARRANTIES EXPRESSED OR IMPLIED. USERS OF THESE PRODUCTS ARE ADVISED TO VERIFY THAT THE INFORMATION IS SUITABLE TO THEIR PARTICULAR PURPOSES PRIOR TO THEIR USE OF THEM.

VITAMIN AD INJECTION

Section 1: Identification of the Substance and Supplier

Product Name Vitamin AD Injection
Recommended Use For use as a supplemental nutritive source of Vitamin A and D in cattle.
Company Details Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215
Emergency Telephone 800-424-9300
Date of Preparations 11/09/15

Section 2: Hazards Identification

Hazard Classification None
Priority Identifiers Warning



Secondary Identifiers Acute overexposure may cause irritation to eyes and skin. Ingestion: Ingestion of large amounts may cause nausea or vomiting.

Risk & Safety Phrases None

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Benzyl Alcohol	100-51-6	2.0 v/v
Ethox CO-30	61791-12-6	20.0 v/v
Neobee M-20	68583-51-7	10.0 v/v
N-methyl-d-pyrrolidone	872-50-4	20.0 v/v
Polysorbate 80	9005-65-6	10.0 v/v
Vitamin A Propionate 2.5M IU/g	7069-42-3	500,000
Vitamin D ₃ 40 M IU/g	67-97-0	75,000
Vitamin E (1,100 IU/g)	10191-41-0	5 IU
Ethox CO-30	61791-12-6	QS

Section 4: First Aid Measures

Necessary First Aid Measures
 Eyes: Flush with large amounts of water and see medical attention
 Skin: Thoroughly wash area with soap and water
 Inhalation: Provide fresh air and if necessary give oxygen
 Ingestion: Give several glasses of water to dilute and induce vomiting. If large amounts swallowed, seek medical attention.

Section 5: Fire Fighting Measures

Type of Hazard Not classified as flammable.
Fire Hazard Properties None Applicable
Regulatory Requirements None Applicable
Extinguishing Media and Methods Water fog, alcohol foam dry chemical or carbon dioxide for surrounding fire. Absorb spill on inert material and place in appropriate waste container for disposal. Flush area with detergent and water. Follow Federal, State and local disposal requirements.
Hazchem Code None Allocated.
Recommended Protective Clothing Self-contained breathing apparatus, rubber gloves and goggles.

Section 6: Accidental Release Measures

Emergency Procedures Self-contained breathing apparatus, rubber gloves and goggles. Absorb spill on inert material and place in appropriate waste container for disposal.

Section 7: Handling and Storage

Precautions for Safe Handling Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport or when not in use.

Regulatory Requirements None Required

Handling Practices Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed when not in use.

Approved Handlers None Required.

Conditions for Safe Storage Container should be adequately sealed. Store at controlled room temperature between 15° and 30°C (59° – 86°F).

Store Site Requirements Protect from light and excessive heat.

Section 8: Exposure control/Personal Protection

Workplace Exposure Standards None Applicable

Application in the workplace None Applicable

Exposure standards outside the workplace None Applicable

Personal protection Self-contained breathing apparatus, rubber gloves and goggles.

Section 9: Physical and Chemical Properties

Appearance	Yellow-orange viscous liquid.
Boiling Point	Not Established.
Melting/Softening point	None Applicable.
Vapor Pressure	None Applicable
Specific Gravity	Not Established
Solubility (H ₂ O)	Miscible
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

Section 10: Stability and Reactivity

Stability of the Substance Stable

Conditions to Avoid None

Material to Avoid Oxidizing and reducing agents, alkalis and caustic agents.

Hazardous Decomposition Products Carbon Monoxide, Carbon Dioxide and Nitrous Oxide fumes.

Section 11: Toxicological Information

Acute effects for individual ingredients only

May cause slight irritation to eyes and Skin. Ingestion may result in nausea, vomiting and impaired renal functions. Kidney conditions and impaired renal functions may be aggravated by long term chronic exposure.

Section 12: Environmental Information

Effects for individual ingredients only

None Applicable

Section 13: Disposal Considerations

Disposal Information Absorb spill on inert material and place in appropriate waste container for disposal. Follow Federal, State and local disposal requirements.

Reference None Applicable

Section 14: Transport Information

Relevant Information Not classified as a dangerous good for transport.

Section 15: Regulatory Information

Regulatory Status None Applicable

Section 16: Other Information

Additional Information For animal use only. Keep out of reach of children.