

SAFETY DATA SHEET

PRODUCT NAME:

VetOne Vitamin AD Injection

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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.