

**VITAMIN AD - retinol cholecalciferol injection**  
**Phoenix Pharmaceutical Inc**

*Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click here.*

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**VITAMIN AD INJECTION**  
**FOR ANIMAL USE ONLY**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

**INDICATIONS**

For use as a supplemental nutritive source of vitamins A and D in cattle, sheep and swine.

**CAUTION**

Do not inject into meat animals within 60 days of marketing.

Administration of this product to well nourished animals may cause hypervitaminosis D which may result in hypercalcemia. This condition may be harmful to the animal.

**DOSAGE AND ADMINISTRATION**

Inject intramuscularly or subcutaneously preferably in the neck area using aseptic technique.

**Calves** - 1/2 to 1 mL

**Adult Cattle** - 2 to 4 mL

**Lambs** - 1/4 to 1/2 mL

**Adult Sheep** - 1 to 2 mL

**Weaning Pigs** - 1/4 to 1/2 mL

**Adult Swine** - 1 to 2 mL

These suggested dosage may be repeated after 60 days, if necessary.

**TAKE TIME OBSERVE LABEL DIRECTIONS**

**COMPOSITION**

Each mL of sterile solution contains:

Vitamin A . . . . . 500,000 IU

Vitamin D<sub>3</sub> . . . . . 75,000 IU

In an emulsifiable base with vitamin E (antioxidant), N-methylpyrrolidone, polyoxyethylated (30) castor oil, propylene glycol dicaprylate, polyoxyethylene (20) sorbitan monooleate and benzyl alcohol 2%.

**STORAGE**

**Store at controlled room temperature between 15° and 30°C (59-86°F).**

**Protect from light and excessive heat.**

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Rev. 4-04

Lot No. \_\_\_\_\_

Exp. Date \_\_\_\_\_

NDC 57319-424-05

# Vitamin A D Injection

**FOR ANIMAL USE ONLY**  
**KEEP OUT OF REACH OF CHILDREN**

Net Contents: 100 mL

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Manufactured For:

**PHOENIX**  
PHARMACEUTICAL, INC.  
St. Joseph, MO 64503

**COMPOSITION:** Each mL of sterile solution contains:

Vitamin A.....500,000 IU  
Vitamin D<sub>3</sub>.....75,000 IU

In an emulsifiable base with vitamin E (antioxidant), N-methylpyrrolidone, polyoxyethylated (30) castor oil, propylene glycol dicaprylate, polyoxyethylene (20) sorbitan monooleate and benzyl alcohol 2%.

Store at controlled room temperature between 15° and 30°C (59°-86°F).

Protect from light and excessive heat.

TAKE TIME



OBSERVE LABEL DIRECTIONS

V-0332-04

Manufactured by Sparhawk Laboratories Lenexa, KS 66215



## VITAMIN AD

retinol cholecalciferol injection

### Product Information

Product Type	OTC ANIMAL DRUG	Item Code (Source)	NDC:57319-424
Route of Administration	INTRAMUSCULAR, SUBCUTANEOUS		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
RETINOL (UNII: G2SH0XKK9 1) (RETINOL - UNII:G2SH0XKK9 1)	RETINOL	500000 [iU] in 1 mL
CHOLECALCIFEROL (UNII: 1C6V77QF41) (CHOLECALCIFEROL - UNII:1C6V77QF41)	CHOLECALCIFEROL	75000 [iU] in 1 mL

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:57319-424-06	250 mL in 1 VIAL		
2	NDC:57319-424-06	250 mL in 1 VIAL		

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		06/15/2004	

**Labeler** - Phoenix Pharmaceutical Inc (150711039)