

SAFETY DATA SHEETS

This SDS packet was issued with item:

078676246

N/A



MATERIAL SAFETY DATA SHEET

UPDATED PRODUCT CODE: 003488
VERSION DATE: 7/2007

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----- 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION -----

Product Name: Matrix[®] solution 0.22%
Product Family: SWINE PHARMACETUTICALS

PRODUCT:

Matrix[®] Solution 0.22% 1000ml

PRODUCT CODE:

003488

SYNONYMS:

ALTRENOGEST
ALLYL TRENOGEST
17 ALPHA-ALLYL-17BETA-HYDROXYESTRA-4,9,11-TRIEN-3-ONE

PRODUCT USE: Refer to the product insert for proper usage.

COMPANY ADDRESS - Intervet Inc – 29160 Intervet Lane - Millsboro, DE 19966

----- 2. COMPOSITION / INFORMATION on INGREDIENTS -----

HAZARDOUS COMPONENT:

CONCENTRATION:

CAS NUMBER:

ALTRENOGEST	0.22%	850-52-2
BUTYLATED HYDROXYANISOLE (BHA)		25013-16-5
BUTYLATED HYDROXYTOULENE		128-37-0

----- 3. HAZARDS IDENTIFICATION-----

ROUTES OF ENTRY: Dermal (Skin contact), Inhalation, Ingestion

ACUTE EFFECTS OF EXPOSURE: Acute effects after a single exposure have been known to cause disruption of the menstrual cycle, uterine or abdominal cramping, increased or decreased uterine bleeding and headaches.

CRONIC EFFECTS OF EXPOSURE: This product is not intended for human use. There has been no human use of this specific product. Such information is derived from known information associated with other progesterone containing substances. Long-term and repeated daily exposure has the potential for more untoward effects such as disruption of menstrual cycle, uterine or abdominal cramping, increased or decreased uterine bleeding, or prolongation of pregnancy.

EMERGENCY: HUMAN, FIRE, SPILL OR ENVIRONMENTAL: 1-800-228-5635 EXT. 132 24 HRS.
ANIMAL: 1-800-345-4735 EXT. 104 24 HRS.
CHEMTREC® FOR CHEMICAL EMERGENCY SPILL, LEAK, FIRE: 1-800-424-9300

PRODUCT INFORMATION: 1-800-835-0541 OR 1-302-934-8051 9:00 A.M. – 5:00 P.M. EST



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CARCINOGENIC EFFECT: *This product is not considered a carcinogen and is not listed by OSHA, IRAC or NTP.*

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: *People who should not handle this product include: Women who are pregnant or suspect they are pregnant; anyone with a thrombophlebitis or thromboembolic disorder or with a history of these events; people with cerebral-vascular or coronary-artery disease; women with known or suspected carcinoma of the breast; people with known or suspected estrogen-dependent neoplasm; women with undiagnosed vaginal bleeding; anyone with a benign or malignant tumor which developed during the use of oral contraceptives or other estrogen-containing products; anyone with liver dysfunction or disease.*

4. FIRST AID MEASURES

SKIN: *Wash affected area immediately with soap and water. Contact a physician.*

EYES: *Immediately flush with plenty of water for fifteen minutes. Get medical attention.*

INHALATION: *Remove to fresh air. If not breathing, give artificial respiration and call for medical help immediately.*

INGESTION: *Seek medical attention immediately*

5. FIRE FIGHTING MEASURES

EXTINGUISHING METHODS: *Use Water, Water Mist, Foam or Dry Chemical to extinguish fire. For fighting large fire wear full bunker gear, including SCBA. Keep upwind.*

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES IN CASE OF SPILL OR LEAK: *Spills should be cleaned up using absorbent material and disposed of by incineration. Wear protective clothing and non-porous gloves (see Section 8 for Personal Protection provisions.*

7. HANDLING and STORAGE

STORAGE: *Store at controlled room temperature (59 - 86 degrees F) in well-closed containers. Product is light and air sensitive.*

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SELF LIFE: See expiration date on product label.

HANDLING PRECAUTIONS: Handle in a manner that will not create aerosols.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

****SKIN**:** Avoid skin contact as Matrix 0.22% is readily absorbed through unbroken skin. Protective chemical resistant gloves **MUST BE WORN** by all persons handling this material. Gloves selected should be composed of Polyethylene, Neoprene, Butyl, or Nitrile. Wear long-sleeves, and trousers to prevent dermal contact.

EYES: Prevent eye contact by wearing appropriate eye protection for handling tasks.

RESPIRATOR PROTECTION: Under normal conditions of use, as stated in the product insert, no respiratory protection is necessary. However, if ventilation is inadequate wear a NIOSH approved respirator.

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE: Clear, light yellow oily liquid.

PH: Not Available

10. STABILITY and REACTIVITY

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: None known

INCOMPATIBILITY: None Known

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

The following toxicology information is for the active agent Altrenogest in its pure form.

Oral LD 50 Rat: Greater than 2,000 mg/kg

Intraperitoneal LD50 (mouse): 175 to 177 mg/kg

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Intraperitoneal LD50 (mouse): 226 to 230 mg/kg

Various synthetic progestins, including altrenogest, when administered to rats during the embryonic stage of pregnancy at doses manifold greater than the recommended equine dose caused fetal anomalies, specifically masculinization of the female genitalia.

Altrenogest is non-mutagenic when studied in the Ames test, mammalian point mutation assays, in vitro and in vivo chromosome aberration assays and DNA damage assays.

----- 12. ECOLOGICAL INFORMATION -----

ECOTOXICITY: *Matrix solution 0.22% administered to Swine presents negligible impact on the environment.*

----- 13. DISPOSAL CONSIDERATIONS -----

This substance should be disposed of by incineration in accordance with local, state and federal regulations.

----- 14. TRANSPORTATION -----

DOT SHIPPING INFORMATION: *Not regulated by the DOT*

----- 15. REGULATORY INFORMATION -----

US FEDERAL REGULATIONS: This product is regulated under the Food, Drug and Cosmetic Act and is approved for Over-The-Counter sale.

----- 16. OTHER INFORMATION -----

DISCLAIMER:

The information contained herein is true and accurate to the best of the knowledge of Intervet Inc. However, all data, instructions and/or recommendations are made without guarantee. The buyer and handler assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.

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