

MATERIAL SAFETY DATA SHEET

Product Name: HeifermaX™500

Supplier of Data: Ivy Animal Health, Inc.
8857 Bond Street
Overland Park, KS 66214

Emergency Telephone Number: 1-800-828-2192

Revision Date: 01/06/2005

Warning Statement:

Exposure Limit(s) for the Material: Not established.

Material Identification:

Common Name: HeifermaX 500
Chemical Family: Progestational steroid

Synonyms: 474675 – EDP Number

<u>ACTIVE INGREDIENT</u>	<u>FORMULA</u>	<u>PERCENT</u>
Propylene Glycol USP CAS# 57-55-6	Mixture	>99%
Melengestrol Acetate CAS# 2919-66-6	Mixture	<1%(500 mg/lb)

Health Hazard:

Primary Route(s) of exposure: Skin contact, eye contact, inhalation and ingestion.

Effect of Overexposure: Overexposure to melengestrol acetate, the active ingredient in this product could lead to headache, nausea, somnolence and reproductive system impairment.

Medical Conditions Aggravated by Exposure: Not Established

Skin Irritation (human): Mild to moderate (propylene glycol)

Eye Irritation (Rabbit): Mild irritant (propylene glycol)

Oral LD50 (RAT): 20 g/kg (propylene glycol)

Reproduction/Fertility: Melengestrol acetate is a potential progestational agent capable of stimulating body-weight gain and suppression of estrus in heifers. Over dosage has not been reported in humans. Reproductive impairment could occur.

Carcinogenicity: Ingredient(s) are not listed as carcinogenic by IARC, NTP or OSHA.
Permissible Exposure Limit:

First Aid:

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin Contact: Wash with soap and water. Take off all contaminated clothing immediately.

Inhalation: Move to fresh air.

Ingestion: Contact a physician or poison control center.

Fire Fighting Measures

Flash Point (Pensky-Martens Closed Cup Tester): 103° C (217° F) (for propylene glycol)

Lower Explosion Limit (LEL): 2.6%

Upper Explosion Limit (UEL): 12.5%

Extinguishing Media: Water, carbon dioxide or dry chemical.

Fire Fighting Procedures: Wear self-contained breathing apparatus and full-body protective equipment.

Unusual Fire or Explosion Hazards: None known.

Hazardous Combustion Products: Carbon monoxide. Carbon dioxide.

Accidental Release Measures :

Steps to be taken in case material is released or spilled: Provide ventilation and respiratory, skin and eye protection to prevent overexposure. Keep out of drains; prevent entry in surface water, groundwater and soil. Vacuum or scoop spilled material and place in container.

Handling and Storage:

Precautions for Handling and Storing: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Launder contaminated clothes before reuse. Store in a cool, dry place and protect from light. Keep out of the reach of children.

Special Protection:

Respiratory Protection: Not Required

Ventilation: Local exhaust

Protective Gloves: Recommended.

Eye Protection: Safety glasses with side shields.

Other Protective Equipment: Not required

Reactivity:

Stability: Stable.

Physical Conditions to Avoid: None

Incompatibility: None

Hazardous Decomposition Products: None

Hazardous Polymerization: Does not occur.

Environmental Protection:

Waste Disposal Methods: Dispose of by incineration in accordance with applicable international, national, state and/or local waste disposal regulations.

Physical Properties:

Appearance/Physical State: Colorless, viscous liquid.

Molecular Weight: Mixture.

Odor: Odorless.

Solubility: Soluble in water.

Shipping Regulations:

Not regulated for transportation by the United States Department of Transportation (DOT), International Maritime Organization (IMO), or International Air Transport Association (IATA). May be subject to state and/or local transportation requirements.

Other Information:

Reviewed by: Environment & Safety.

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Labeling:

This drug is subject to FDA labeling requirements; therefore, it is exempt from the labeling requirements of the OSHA Hazard Communication Standard.