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MATERIAL SAFETY DATA SHEET

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

Product Name: EquiRab™

Product Family: Vaccine Biologics

SYNONYMS:

EquiRab™

PRODUCT CODE:

032396, 032585

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

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

HAZARDOUS CHEMICAL COMPONENTS:

CONCENTRATION:

Thimerosal

</= 0.01%

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

ROUTES OF ENTRY: *Dermal, Injection, Inhalation, Ingestion*

ACUTE EFFECTS OF EXPOSURE: *None known*

CHRONIC EFFECTS OF EXPOSURE: *None known*

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

----- 4. FIRST AID MEASURES -----

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

EYES: Immediately flush with plenty of water for fifteen minutes.

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

INGESTION: Get medical attention immediately. Never give anything by mouth to a person who is unconscious or convulsing.

MEDICAL CONDITIONS AGGRAVATED: None known

NOTE TO PHYSICIAN: Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical conditions.

----- 5. FIRE FIGHTING MEASURES -----

CONDITIONS OF FLAMMABILITY: Not Flammable or Combustible
FLASH POINT (METHOD): Not Applicable
UPPER FLAMMABLE LIMIT (% by volume): Not Determined
LOWER FLAMMABLE LIMIT (% by volume): Not Determined
AUTO-IGNITION TEMPERATURE: Not Determined

EXTINGUISHING METHODS: The unused product will not burn. Use Water, Water Mist, Foam or Dry Chemical to extinguish fire

FIRE FIGHTING PROCEDURES: The unused product will not burn. However, if product is in a fire area, prevent human exposure to fire, smoke and fumes of products of combustion. Evacuate all non-essential personnel from the fire area. Keep upwind. For large fires, fire fighters should wear self-contained, positive pressure/pressure demand, supplied-air respirators and impervious protective clothing.

----- 6. ACCIDENTAL RELEASE MEASURES -----

PROCEDURES IN CASE OF SPILL OR LEAK: Stop source of spill. Isolate spill area and restrict non-essential personnel from area. All personnel involved in spill cleanup should follow good industrial hygiene practices and avoid skin and eye contact by wearing appropriate personal protective

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equipment. Use absorbent material then sweep up or vacuum. Dispose of waste material in accordance with applicable laws and regulations.

----- **7. HANDLING and STORAGE** -----

STORAGE: See package insert.

SHELF LIFE: See expiration date on product label.

HANDLING PRECAUTIONS: Hands should be thoroughly washed after administering.

----- **8. EXPOSURE CONTROL / PERSONAL PROTECTION** -----

UNDER NORMAL LABEL USE, NO PERSONAL PROTECTIVE EQUIPMENT IS REQUIRED.

----- **9. PHYSICAL and CHEMICAL PROPERTIES** -----

APPEARANCE: White to off-white aqueous suspension.

PH: 7.0 to 7.8

SPECIFIC GRAVITY: Not Known

BOILING POINT:

----- **10. STABILITY and REACTIVITY** -----

CHEMICAL STABILITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None known

INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION: Hazardous or toxic fumes may be emitted when heated to decomposition.

POLYMERIZATION: Hazardous polymerization is not expected to occur.

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----- **11. TOXICOLOGICAL INFORMATION** -----

Oral LD 50 Rat: *Not Available*
Intraperitoneal LD50 (rat): *Not available*
Intraperitoneal LD50 (mouse): *Not Available*

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

ECOTOXITY: *Not available.*

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

Unused product should be considered Hazardous under RCRA (D009)

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

DOT SHIPPING INFORMATION: *Not Regulated*

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

STATE REGULATIONS: *The following chemicals associated with the product are subject to the Right-To-Know regulations in these states: None known*

U.S. FEDERAL REGULATIONS: *SARA 313: No components listed*

----- **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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