

# MATERIAL SAFETY DATA SHEET

## SECTION I – PRODUCT INFORMATION

**PRODUCT NAME:** Veterinary Biologicals (See Synonyms List Below)  
**MSDS NUMBER:** 34509  
**PRODUCT CODE:** Various  
**CHEMICAL FAMILY:** Biological Vaccines  
**SYNONYMS:** Prromise; Alobac; Argus; BRSV Vac; BRSV Vac 2; BRSV Vac 3; BRSV Vac 4; BRSV Vac F3; BRSV Vac F3Lp; Cambrivax Ery; 4 Once Plus; Once PMH; Herd Vac 2; Herd Vac 3; Heritage 1; Heritage 2; Heritage 3; Majestic 7; TGE Vac; Neoguard; Frontier BRSV; Frontier 1; Frontier 2; Frontier 3; Frontier F3LP; Frontier 4 Plus; Frontier 9 Plus; Horizon 4 Plus; Horizon 9 Plus  
**DOSAGE FORM:** Vaccines - Various

**MANUFACTURER/SUPPLIER:** Intervet, Inc.  
405 State Street  
P.O. Box 318  
Millsboro, DE 19966

**TELEPHONE:** 1-800-268-4257  
**EMERGENCY #:** 1-800-345-4735 (only to be used after hours between 4:30pm - 8:30am)  
**FAX:** 1-888-498-4444

## SECTION II – INGREDIENT INFORMATION

This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

## SECTION III – PHYSICAL DATA

**BOILING POINT:** Not established  
**VAPOR PRESSURE:** Not established  
**SOLUBILITY IN WATER:** Soluble  
**PHYSICAL STATE:** Liquid  
**APPEARANCE AND ODOUR:** Clear or brown; not established

**MELTING/FREEZING POINT:** Not established  
**SPECIFIC GRAVITY:** Not established  
**MOLECULAR WEIGHT:** Not applicable  
**BULK DENSITY:** Not applicable

## SECTION IV - FIRE AND EXPLOSION DATA

**FLASH POINT:** Not Applicable  
**EXTINGUISHER MEDIA:** Material is not combustible. Use extinguishing media suitable for other combustible materials in the area.

## SECTION V – HEALTH HAZARD DATA

**EMERGENCY OVERVIEW:** Colour: Clear or brown; Form: Liquid; Odour: Not established.  
**POTENTIAL HEALTH EFFECTS:**  
**ROUTE OF ENTRY:** Dermal, Injection, Inhalation, Ingestion  
**HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:**  
**ACUTE EFFECTS OF EXPOSURE:** The products listed in Section I contain killed microorganisms. Exposure during the end-use of these products is expected to be minimal. End users should refer to the packaging label for proper handling procedures. Furthermore, no acute health effects are known to occur from exposure to any of the products listed in Section I.  
**CHRONIC EFFECTS OF EXPOSURE:** None known.

CARCINOGENICITY: This product is not listed by NTP, IARC, or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No medical conditions are known which may be aggravated by exposure to any of the vaccines listed in Section I.

## SECTION V – HEALTH HAZARD DATA (CONT.)

### FIRST AID PROCEDURES:

In case of contact with eyes, flush with plenty of water for 15 minutes. Contact a physician.

In case of contact with skin, **IMMEDIATELY** wash exposed skin with antiseptic soap.

In case of inhalation, contact physician.

In case of ingestion, contact physician.

OTHER: If accidentally injected with any of the products listed in Section I, wash wound with Betadine and determine amount of bleeding.

## SECTION VI – REACTIVITY DATA

STABILITY: Stable .   X    
Unstable:

CONDITIONS OF INSTABILITY: None known

INCOMPATIBILITY (Materials to Avoid): None known

DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION:

May occur:

Will not occur:   X  

## SECTION VII – SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN: Use absorbents on liquid spills.

DISPOSAL METHODS: Follow container label instructions for disposal of wastes generated during use in compliance with the product label. In other situations, wastes should be autoclaved and buried in an EPA-approved landfill or burned in an approved incinerator.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

REQUIRED WORK/HYGIENE PROCEDURES: Exposure during the end-use of these products is expected to be minimal. End-users should refer to the packaging label for proper handling procedures. However, sufficient exposure to any of these products may occur during manufacturing, spills, etc., in which case the following personal protection is recommended.

VENTILATION: Use adequate ventilation during manufacturing and filling.

EYE PROTECTION: Wear splash protection when needed to prevent liquid contact.

PROTECTIVE GLOVES: Wear rubber gloves.

SKIN PROTECTION: Avoid skin contact. Wear long sleeves and trousers to prevent dermal exposure.

OTHER PROTECTIVE MEASURES: Wash with soap and water after exposure to product. Launder clothes daily.

## SECTION IX - STORAGE AND HANDLING PRECAUTIONS

STORAGE TEMPERATURE (MIN/MAX): 2-7°C (35-45°F).

SHELF LIFE: See expiration date on product label.

SPECIAL SENSITIVITY: Avoid high temperatures and freezing of liquid.

HANDLING/STORAGE PRECAUTIONS: See product label.

## SECTION X - TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY:

ORAL LD<sub>50</sub>: Not established  
DERMAL LD<sub>50</sub>: Not established  
INHALATION LC<sub>50</sub>: Not established  
EYE EFFECTS: Not established  
SKIN EFFECTS: Not established  
SENSITIZATION: Not established

## SECTION XI - ECOLOGICAL INFORMATION

No ecological information available.

## SECTION XII – TRANSPORTATION INFORMATION

TECHNICAL SHIPPING NAME: Not applicable  
FREIGHT CLASS PACKAGE: Drugs and Medicines  
PRODUCT LABEL: Not noted  
DOT (DOMESTIC SURFACE)  
HAZARD CLASS OR DIVISION: Non-Regulated  
IMO/IMDG CODE (OCEAN)  
HAZARD CLASS DIVISION NUMBER: Non-Regulated  
ICAO/IATA (AIR)  
HAZARD CLASS DIVISION NUMBER: Non-Regulated

## SECTION XIII - REGULATORY INFORMATION

OSHA STATUS: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: This product is a food, food additive, drug, cosmetic or device as defined by Section 201 of the Federal Food, Drug and Cosmetic Act and therefore is exempt from TSCA regulation under Section 3 (2) (B) (vi).

CERCLA REPORTABLE QUANTITY: Not applicable.

### SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None  
SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard  
SECTION 313 TOXIC CHEMICALS: None

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

## SECTION XIV - ADDITIONAL INFORMATION

NFPA 704M RATINGS	HEALTH	FLAMMABILITY	REACTIVITY	OTHER
	1	0	0	
	0=Insignificant	1=Slight 2=Moderate	3=High 4=Extreme	

Bayer's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. NFPA ratings are provided by Bayer as a customer service.

#### **SECTION XIV - ADDITIONAL INFORMATION (CONT.)**

Disclaimer: This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Intervet Canada Ltd. The data on this sheet relates only to the specific material designated herein. Intervet Canada Ltd. assumes no legal responsibility for use or reliance upon these data.

#### **FOR ANIMAL USE ONLY**

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SIGNED: \_\_\_\_\_

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