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VERSION DATE: 8/2007

MATERIAL SAFETY DATA SHEET

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

Product Name: VETERINARY BIOLOGIC PRODUCTS
Product Family: AVIAN PRODUCT VACCINES

SYNONYMS:

PRODUCT CODE:

NEWCASTLE VIRUS VACCINES

NEWHATCH-C2
B1 VAC
CLONEVAC-30

N-150-10
N-1-2, 10
N-2-2

BRONCHITIS VIRUS VACCINES

MILDVAC[®]-ARK
MILDVAC[®]-Ma5
MILDVAC[®] IB-VAC-H

B-161-10, 25
B-160-10
B-10-2

NEWCASTLE-BRONCHITIS COMBO VACCINES

NEWHATCH-C2-M
NEWHATCH-C2-MC
DUOVAC-M
TRIPLEVAC
TRIVAC-ARK
DUOVAC-Ma5
COMBOVAC-30
CLONEVAC-30-Ma5
BIO-SOTA+BRON MM

NB-208-10
NB-207-10
NB-200-10, 25
NB-201-2, 10, 25
NB-209-10, 25
NB-204-10
NB-203-2, 10, 25
NB-206-10
NB-211-10

INFECTIOUS BURSAL DISEASE VACCINES

BIO-BURS I
CLONEVAC D-78
PRIMEVAC IBD-3

G-148-5, 10
G-11-2, 2.5, 10
G-241-1

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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**INFECTIOUS LARYNGOTRACHEITIS
BIO-TRACH**

L-252-1, 10

AVIAN ENCEPHALOMYELITIS and POX VACCINES

BIO-POX M

P-249-1

TREMVAC

E-14-1, 10

FP-VAC

P-12-1

PP-VAC

P-13-1

TREMVAC-FP

AP-17-1

TREMVAC-FP-CAV

APC-245-1

BIO-TREM+POX R

AP-250-1

SPECIALITY CHICKEN VACCINES

CHOLERVAC-PM-1

FC-242-1

TENSYNVAC

T-16-1

2177

T-279-1

MYCOVAC-L

MG-240-2

CAV-VAC

CA-244-1

BRON-NEWCAVAC-MG

IN-111-1

PRODUCT USE: Refer to product insert for proper usage.

COMPANY ADDRESS- Intervet Inc - 405 State Street - Millsboro, DE. 19966

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

HAZARDOUS COMPONENT/ CAS NUMBER: EXPOSURE LIMITS: CONCENTRATION:

These products contain no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, exposure to live Newcastle Virus may cause conjunctivitis in healthy individuals.

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

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

ACUTE EFFECTS OF EXPOSURE: *This product is USDA approved for veterinary use. To the best of*

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our knowledge, there are no hazards associated with the products listed above when handled and administered according to the product insert, and under normal conditions of use. However, contact with any liquid or powder may cause irritation to the eyes and skin. As such, following those recommendations on Personal Protection as provided in Section 8 of this document may be prudent.

Accidental human injection of inactivated oil emulsion vaccines, containing adjuvants, diluents and stabilizers may cause serious localized reactions and direct tissue injury. Symptoms of exposure may include significant swelling and pain at the area of injection. Other concerns may involve bacterial infection from needles used in multiple animal vaccinations. Also, live Newcastle Virus may cause conjunctivitis in healthy individuals.

CHRONIC EFFECTS OF EXPOSURE: *No chronic health effects associated with the listed products are known.*

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

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

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

EYES: *Immediately flush with plenty of water for fifteen minutes. Contact a physician*

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

INGESTION: *Seek medical attention immediately.*

INJECTION: *Remove needle, wash injection site with soap and water, contact physician immediately. Following accidental injection, the vaccine can remain in the focal area near the injection site or disperse itself from the injection site. After physician evaluation, it may be found prudent to remove the foreign irritant.*

----- 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.*

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6. ACCIDENTAL RELEASE MEASURES

PROCEDURES IN CASE OF SPILL OR LEAK: *Clean up spilled material. Place in a secure container for disposal.*

7. HANDLING and STORAGE

STORAGE: *Keep refrigerated, 2°-7°C (35°-45°F). Avoid high temperatures and freezing of liquid. Protect containers from damage.*

SHELF LIFE: *See expiration date on product label.*

HANDLING PRECAUTIONS: *Read and follow all package insert instructions. Protect containers from damage.*

8. EXPOSURE CONTROL / PERSONAL PROTECTION

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

SKIN: *Avoid skin contact. Wear chemical resistant gloves, long-sleeves and trousers to prevent dermal contact.*

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: *Tan caked powder.*

PH: *Neutral*

10. STABILITY and REACTIVITY

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CHEMICAL STABILITY: *Stable*

CONDITIONS TO AVOID: *None known*

INCOMPATIBILITY: *None Known*

HAZARDOUS POLYMERIZATION: *Will not occur*

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

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

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

This product when used according to the insert direction, poses negligible impact on the environment.

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

Burn the container and all unused contents. Adhere to federal, state and local regulations for disposal.

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

DOT SHIPPING INFORMATION: *Not regulated by the DOT*

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

OSHA STATUS: *This product 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) (vii)*

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SARA Title III:

Section 302 Extremely Hazardous Substance:	None
Section 311/312 Hazard Categories:	None
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.*

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

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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