

NEWCASTLE DISEASE VACCINES 8/28/98

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Schering-Plough Animal Health Corporation

1095 Morris Avenue

Union, NJ 07083

EMERGENCY TELEPHONE NUMBER (For Human Exposure)

Rocky Mountain Poison Center: (303) 595-4869

COMPANY CONTACT: Animal Health Technical Services (For Animal Adverse Events)

TELEPHONE NUMBER: (800) 219-9286

TRANSPORTATION EMERGENCIES

CHEMTREC: (800) 424-9300

PRODUCT NAME: NEWCASTLE DISEASE VACCINES

SYNONYM: NEWCASTLE B1, NEWCASTLE N63, NEWCASTLE N79

CAS NUMBER: N/A

CHEMICAL FORMULA: N/A

USDA REGISTRATION NO.: 1711.10, 1721.10, 1721.11

U.S. VETERINARY LICENSE NO.: 226

PRODUCT TYPE: Biological

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS: Vaccine consists of Newcastle disease virus suspension in stabilizer plus blue dye and gentamicin as a preservative.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eyes: Inflammation of the eyelids in humans lasting 2-3 days.

Skin: N/A

Ingestion: N/A

Inhalation: N/A

Injection: In case of accidental injection, wash the site thoroughly with soap and water. While the vaccine is not considered to be a human pathogen, medical attention should be sought to address the risk of trauma-associated infection or allergic reactions. Status of

tetanus immunization should be reviewed.

#### 4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Obtain medical attention.

SKIN: Wash skin thoroughly with soap and water. Remove contaminated clothing from site of contact. Immediately contact a physician if irritation develops.

INGESTION: Obtain medical attention immediately.

INHALATION: Obtain medical attention immediately.

INJECTION: In case of accidental injection, remove needle from injection site. Wash and disinfect area. Obtain medical attention immediately.

#### 5. FIRE FIGHTING MEASURES

##### FLAMMABLE PROPERTIES

Flash Point: N/A

Autoignition: N/A

Lower Explosive Limit (%): N/A

Upper Explosive Limit (%): N/A

FIRE AND EXPLOSION HAZARDS: None

EXTINGUISHING MEDIA: N/A

FIRE FIGHTING INSTRUCTIONS: N/A

#### 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A

#### 7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: N/A

WORK/HYGIENIC PRACTICES: The user should avoid contaminating hands, eyes, or clothing.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A

EYE/FACE PROTECTION: Caution should be used when handling Newcastle virus. Eye protection recommended if vaccine is administered by aerosol spray.

SKIN PROTECTION: Normal accepted work practices.

RESPIRATORY PROTECTION: Respiratory protection recommended if vaccine is administered by aerosol spray.

OTHER/GENERAL PROTECTION: None required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Freeze-dried blue cake in vial

### BASIC PHYSICAL PROPERTIES

Physical State: Solid

Boiling Point: N/A

Melting Point: N/A

Vapor Pressure: N/A

Vapor Density (AIR=1): N/A

Specific Gravity: N/A

Molecular Weight: N/A

Solubility (H<sub>2</sub>O): Dissolves when mixed with water.

Percent Volatility: N/A

Viscosity: N/A

## 10. STABILITY AND REACTIVITY

STABILITY: Very stable

CONDITIONS TO AVOID (STABILITY): N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: N/A

## 11. TOXICOLOGICAL INFORMATION

### ACUTE STUDIES

Eye Effects: N/A

Skin Effects: N/A

Oral Effects: N/A

Inhalation Effects: N/A

### MISCELLANEOUS TOXICOLOGICAL INFORMATION

Effects Of Overexposure: Newcastle disease vaccine can cause inflammation of the eyelids (conjunctivitis) of humans, lasting 2-3 days.

## 12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

PRODUCT/CONTAINER DISPOSAL: Empty containers and unused contents should be incinerated.

14. TRANSPORT INFORMATION

SHIPPING PAPER DESCRIPTION: N/A

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

N/A

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Schering-Plough Animal Health

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