

LT-IVAX

Schering-Plough Animal Health
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P.O. Box 529
Kenilworth, NJ 07033

Company Contact: Animal Health Tech. Services
Telephone Number: (800) 932-0473

Emergency Contact: Schering-Plough
Emergency Phone Number: (908) 820-6222

IDENTIFICATION

Product: LT-IVAX
CAS Number: Not Established
Chemical Family: N/A
Chemical Formula: N/A
Hazard Rating - Health: 1 Slight
- Fire: 1 Slight
- Reactivity: 0 Negligible

CHEMICAL COMPONENTS

Component: FETAL CALF OR LAMB SERUM
CAS No.: Not Established % of Mixture: .25
OSHA PEL NONE
ACGIH TLV NONE
Component: INFECTIOUS LARYNGOTRACHEITIS VIRUS
CAS No.: Not Established
OSHA PEL NONE
ACGIH TLV NONE
Component: N-Z-AMINE AS
CAS No.: Not Established % of Mixture: .5
OSHA PEL NONE
ACGIH TLV NONE
Component: SUCROSE
CAS No.: 57-50-1 % of Mixture: .5
OSHA PEL NONE
ACGIH TLV NONE
Component: WATER
CAS No.: 7732-18-5 % of Mixture: Q 1.0
OSHA PEL NONE
ACGIH TLV NONE

PHYSICAL DATA

Boiling Point: N/A C
Melting Point: N/A C
Vapor Pressure: N/A
Specific Gravity: N/A
Solubility (H₂O): N/A
Percent Volatiles: N/A
Evaporation Rate: N/A
Appearance: Brownish-white powder.
Odor: Odorless.

FIRE FIGHTING & EXPLOSION DATA

Flash Point: N/A F
Autoignition: N/A F
Lower Explosive Limit (%): N/A
Upper Explosive Limit (%): N/A
Fire and Explosion Hazards: Under normal conditions of use this material does not present a significant fire or explosion hazard.
Extinguishing Media: CO₂, Dry Chemical, Water, Water-Spray.

Special Fire Fighting Instructions: Fight fire from a safe distance or protected location. Use water spray to keep containers and equipment cool. Wear full protective equipment including self-contained breathing apparatus (SCBA).

EXPOSURE and EFFECTS - INHALATION: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon inhalation: None Known. May cause allergic reactions in sensitive individuals.

First Aid: Remove from exposure. If breathing is feeble or ceases, give cardiopulmonary resuscitation. Obtain medical attention.

SKIN: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon skin contact: May cause irritation.

First Aid: Remove contaminated clothing. Thoroughly wash exposed area with soap and water. Obtain medi-

cal attention.

EYES: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon eye contact: May cause irritation.
First Aid: Flush with water for at least 15 minutes. Obtain medical attention.

INGESTION: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon ingestion: None Known. May cause allergic reactions in sensitive individuals.
First Aid: Give copious amounts of water and induce vomiting, if conscious. Obtain medical attention.

MISCELLANEOUS TOXICOLOGICAL INFORMATION: Infectious Laryngotracheitis virus, the active ingredient of this vaccine, is not considered to be pathogenic for man even if inhaled, ingested, applied to the eyes or skin, or even injected.

REACTIVITY & POLYMERIZATION

Stability: Stable.
Conditions to Avoid (Stability):
 Avoid open flame and high temperatures.
Hazardous Decomposition Products:
 CO & CO₂
Hazardous Polymerization: Will not occur.

SPILL, LEAK, & DISPOSAL PROCEDURES: Steps to be taken in the event of spills, leaks, or release: Squeegee, sweep, scoop, or vacuum up spill. Minimize contact with spilled material. Keep other personnel away from the clean up area. Wear appropriate respiratory protection and protective clothing in the spill area. Notify your supervisor immediately. Clean area with a wet mop. Dispose of spilled material and clean up materials as given in Waste Disposal Methods below.

Waste Disposal Methods: While not a hazardous waste, material should be destroyed in an autoclave. An approved landfill site is the preferred disposal method after autoclaving.

SPECIAL PROTECTIVE MEASURES

Ventilation: Provide adequate local exhaust ventilation.
Eye Protection: Splash goggles/safety glasses.
Skin Protection: Gloves - Latex or better. Lab coat or uniform.

Respiratory Protection: None usually required. Use a half-mask respirator with HEPA cartridges for the material in bulk.

Work/Hygienic Practices: Train employees concerning hazards and precautions. Provide adequate local exhaust ventilation. Wash hands and forearms after each use. Use indicated protective equipment while handling. Change respirator cartridges after four hours of continuous use or upon detection of an increase in breathing resistance or eye or nasal irritation.

SPECIAL PRECAUTIONS - STORAGE & HANDLING: Store in refrigerator temperatures. No special precaution needed in handling vaccine.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

Schering-Plough Animal Health

LT-IVAX-DILUENT 10/8/98

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: LT-IVAX - DILUENT

SYNONYM: N/A

CAS NUMBER: N/A

CHEMICAL FORMULA: N/A

USDA REGISTRATION NO.: N/A

U.S. VETERINARY LICENSE NO.: 226

PRODUCT TYPE: Diluent

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS: Composition (Per 1000 ml of sterile solution in deionized water): FD & C Blue No. 1 Dye (99.9 mg), CAS # 860-22-0.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eyes: N/A

Skin: N/A

Ingestion: N/A

Inhalation: N/A

4. FIRST AID MEASURES

EYES: N/A

SKIN: N/A

INGESTION: N/A

INHALATION: N/A

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

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: Use absorbent. Sweep up and dispose.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: N/A

WORK/HYGIENIC PRACTICES: N/A

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A

EYE/FACE PROTECTION: Normal accepted work practices.

SKIN PROTECTION: Normal accepted work practices.

RESPIRATORY PROTECTION: Normal accepted work practices.

OTHER/GENERAL PROTECTION: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Blue liquid

BASIC PHYSICAL PROPERTIES

Physical State: Liquid

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 (H2O): Completely soluble

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: N/A

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

PRODUCT/CONTAINER DISPOSAL: Discard in the trash.

14. TRANSPORT INFORMATION

SHIPPING PAPER DESCRIPTION: N/A

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

N/A

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M a t e r i a l S a f e t y D a t a S h e e t

LT-IVAX - DILUENT Rev. date 10/8/98