Date of MSDS   04/09/2013

Section I – Identification
Product Name:  Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid
AgriLabs Trade Name:  PULMO-GUARD® PH-M

Section II – Hazardous Ingredients/ Identity information
Formaldehyde – Contains no more than 0.06% formalin.
Merthiolate – Contains no more than 0.01% Mertiolate.
Product - Contains both inactivated leukotoxins and cell associated antigens of both organisms.

Section III – Physical & Chemical Characteristics
Boiling Point:  N/A
Specific Gravity (H20):  N/A
Vapor Pressure (mm Hg):  N/A
Melting Point:  N/A
Vapor Density (Air-1):  N/A
Evaporation Rate (Butyl Acetate-1):  N/A
Solubility in Water:  Good
Appearance and Odor:  Brownish to pink aqueous solution. Low to no odor.

Section IV – Fire & Explosion Data
Flash Point (Method Used):  N/A
Extinguishing Media:  N/A
Special Fire Fighting Procedures:  N/A
Unusual Fire and Explosion Hazards:  N/A

Section V – Reactivity Data
Stability:  Stable
Incompatibility (Materials to avoid):  N/A
Hazardous Decomposition or Byproducts:  N/A
Hazardous Polymerization:  N/A

Section VI – Health Hazard Data
Routes of Entry:
Injection – May cause irritation and swelling
Inhalation – May cause irritation.
Skin – Safe.
Ingestion – May cause irritation.
Section VI – Health Hazard Data - Continued

Health Hazards (Acute & Chronic):

Acute – Local swelling of affected area

Chronic – None.

Carcinogenicity: Formaldehyde is considered to be a carcinogen. At the levels included in this product, it is considered to be safe.

Signs & Symptoms of Exposure: Swelling at the injection site.

Medical Conditions Generally Aggravated by Exposure: None

Emergency & First Aid Procedures: Symptomatic treatment only. The injection site may be surgically opened and flushed.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Avoid accidental injection or ingestion.

Waste Disposal Methods: Normal disposal for plastic containers.

Precautions to be taken in Handling & Storing: Do not freeze vaccine. Store at 2-7°C. No special precautions needed in handling vaccine.

Other Precautions: None.

Section VIII – Control Measures

Respiratory Protection: None needed

Ventilation: N/A

Protective Gloves: N/A

Eye Protection: N/A

Other Protective Clothing or Equipment: N/A

Work / Hygienic Practice: Wash hands after using vaccine.

The data contained herein is based on current information that American Animal Health, Inc. believes to be reliable. However, no expressed or implied warranty is made with regard to the accuracy of such data or it’s suitability for a given situation. Such data relates only to specific product described and not to such product in combination with any other product and no agent of American Animal Health, Inc. is authorized to vary any of such data. American Animal Health, Inc. disclaims all liability for any actions taken or foregone upon such data.
MATERIAL SAFETY DATA SHEET
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