



Material Safety Data Sheet

DOT	HCS Risk Phrases	Protective Clothing
	Not an HCS controlled material in USA.	

Section 1: Product Identification and Uses

Common/Trade name	Pulmo-Guard™ PH-M (7935.00)	Cl#	Not applicable
Synonyms	Pasteurella Haemolytica-Multocida Bacterin-Toxioid	TSCA	TSCA inventory: No products found.
Chemical name	Not applicable	CAS#	Not applicable
Chemical formula	Not applicable	Code	MSDS ID#: B7935.00PL
Chemical family	Vaccine	Molecular weight	Not applicable
Supplier	Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Hwy St. Joseph MO 64506-2002	Manufacturer	Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Hwy St. Joseph MO 64506-2002 816-233-2571
Material uses	Vaccine		

Section 2: Hazardous Ingredients

Name	CAS#	% by Weight	TLV/PEL	LC50 / LD 50
2)Thimerosal (Merthiolate)	54-64-8	Contains no more than 0.1%	0.1 mg/m ³ ,air, TWA	LD50, Oral, Rat 75 mg/kg
1)Formaldehyde	50-00-0	<0.2	.75 ppm TWA STEL: 2 ppm	ORAL (LD50): Acute: 800 mg/kg [Rabbit]. DERMAL (LD50): Acute: 270 mg/kg [Rabbit]. DUST (LC50): Acute: 724.7 mg/m ³ 4 hours (Rat)

Section 3: First Aid Measures

Eye contact	Flush eyes with water.
Skin contact	After contact with skin, wash immediately with plenty of water. If irritation persists, seek medical attention.
Hazardous skin contact	No additional information.
Slight inhalation	Allow the victim to rest in a well ventilated area.
Hazardous inhalation	No additional information.
Slight ingestion	No information available regarding ingestion. Notify physician or Poison Control Center immediately.
Hazardous ingestion	Not available

Section 4: Physical Data

Physical state and appearance	Liquid	Odor	Not available
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PH (1% soln/water)	Not available	Taste	Not available
Odor threshold	Not available	Color	White
Volatility	Not available		
Melting/Sublimation point	Not available		
Boiling/Condensation point	Not available		
Specific gravity (Water=1)	Not available		
Vapor density	Not available		
Vapor pressure	Not available		
Water/oil dist. Coeff.	Not available		
Ionicity (surface active agent)	Not available		
Critical temperature	Not available		
Instability temperature	Not available		
Conditions of instability	Not additional remark.		
Dispersion properties	Not available		
Solubility	Not available		

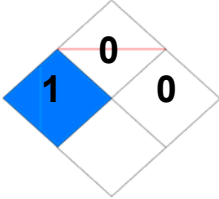
Section 5: Fire and Explosion Data

The product is:	Not available
Auto-ignition temperature	Not available
Fire degradation products	Not available
Flash points	Not available
Flammable limits	Not available
Fire extinguishing procedures	Not available
Flammability	Not available
Risks of explosion	Non-explosive.

Section 6: Reactivity Data	
Stability	The product is stable.
Hazardous decomp. products	Not available
Degradability	Not available
Product of degradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Not available
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Reactivity	No known incompatibilities.

Section 7: Toxicological Properties	
Routes of entry	Accidental injection.
TLV	Not available
Toxicity for animals	LD50: Not available LC50: Not available
Environmental hazards	Not available
Chronic effects on humans	Carcinogenic Effects: Classified A2 (Suspected for human.) by ACGIH [Formaldehyde]. Mutagenic Effects: Not available. Teratogenic Effects: Not available. Developmental Toxicity: PROVEN [Formaldehyde]
Acute effects on humans	Not for human use. Animal inoculation only, accidental injection to humans can cause serious local reactions. Contact a physician immediately if accidental injection occurs.

Section 8: Preventive Measures	
Waste information	Dispose of in accordance with all laws. Normal disposal for plastic containers.
Waste stream	Not available
Storage	Keep out of direct sunlight. Store at 35-45 degrees F. Do not freeze.
Precautions	Do not freeze vaccine. No special precautions needed in handling vaccine.
Small spill and leak	Absorb with an inert material and place in an appropriate waste disposal container. For formaldehyde, neutralize with sodium bisulfite.
Large spill and leak	No additional information.
Protective Clothing	Splash goggles

Section 9: Classification									
DOT	Not a DOT controlled material (United States).								
Maritime transportation	Not available								
HCS	Not an HCS controlled material in USA.								
Federal and State Regulations	Not applicable								
HMIS (U.S.A.)	<table border="1"> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>n</td> </tr> </table> <p>National Fire Protection Association (U.S.A.)</p>  <p>Fire Hazard Reactivity Specific hazard</p>	Health Hazard	1	Fire Hazard	0	Reactivity	0	Personal Protection	n
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								
Personal Protection	n								

Section 10: Protective Measures	
Protective clothing	Splash goggles
Engineering controls	Good general ventilation should be sufficient to control airborne levels.

Section 11: Other Information	
References	Not available
Validated by Company: 3/28/05	

CALL 1(800) 821-7467
Emergency Medical: (800)530-5432
Chemtrec: (800)424-9300

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