



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	Ingelvac® HP (2652.01)	CI#	Not available
Synonyms	Erysipelothrix Rhusiopathiae-Haemophilus Parasuis Bacterine, Haemophilus Parasuis Bacterin, Erysipelothrix Rhusiopathiae Bacterin	TSCA	TSCA inventory: No products were found.
Chemical name	Not available	CAS#	Not available
Chemical formula	Not available	Code	MSDS ID#: N2652.01
Chemical family	USDA licensed veterinary biologic	Molecular weight	Not available
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
1) Formaldehyde solution 37%	50-00-0	</=0.2 v/v	.75 ppm TWA STEL: 2	Oral LD50: Acute 14200 mg/kg (Rabbit), Dermal LD50: cute: 15890 mg/kg (Rabbit), Gas LC50: Acute: 64000 ppm 4 hours (Rat), LS Lo, Oral Women 36 mg/kg, TC Lo, Inhalation, Human 17 ppm
2) Gentamicin Sulfate	1405-41-0	</=0.003 w/v	Not available	Oral Rat: LD50: >5000 mg/kg Oral Mouse: LD50:>11269 mg/kg
3) Amphotericin B	1397-89-3	</=0.00025 w/v	Not available	lvn/Wmn LDLo: 22 mg/kg/4D-I, Oral-Rat LD50:>5 gm/kg, Oral-Mus LD50: >8gm/kg

Section 3: First Aid Measures

Eye contact	Flush eyes with copious amounts of water.
Skin contact	Not considered a skin irritant. After contact with skin, wash immediately with plenty of water. If irritation occurs, seek immediate medical attention.
Hazardous skin contact	No additional information.
Slight inhalation	No information available regarding inhalation. Seek immediate medical attention.
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	Opaque heterogeneous aqueous liquid with suspended particles that settle during storage.	Odor	Not available
PH (1% soln/water)	Not available	Taste	Not available
Odor threshold	Not available	Color	White, cream, or light tan opaque
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 available		
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	Aqueous solutions are non-flammable.
Flammability	Not considered to be flammable according to our data base.
Risks of explosion	Non-explosive

Section 6: Reactivity Data

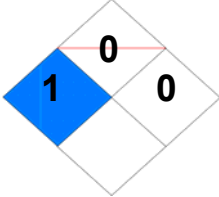
Stability	The product is stable.
Hazardous decomp. products	Not available.
Degradability	Not available
Product of degradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Not available
Corrosivity	Not available
Reactivity	No known incompatibilities.

Section 7: Toxicological Properties

Routes of entry	Not applicable
TLV	Not available
Toxicity for animals	LD50: Not available LC50: Not available
Environmental hazards	Not available
Chronic effects on humans	There is no known effect from chronic exposure to this product. Not for human use. For use in swine only. May be irritating to eyes, mucus membranes, and skin. May be locally irritating upon accidental injection in people. Certain individuals may be hypersensitive to the ingredients. Carcinogenic Effects: Classified A2, suspected for humans, by ACGIH (formaldehyde) Mutagenic Effects: Not available Teratogenic Effects: Not available Developmental Toxicity: Proven (formaldehyde)
Acute effects on humans	Contains formalin inactivated, non-viable bacterial microorganisms which are no longer capable of infecting humans. Contains gentamicin sulfate and amphotericin B as antimicrobial preservatives.

Section 8: Preventive Measures

Waste information	Dispose of in accordance with USDA Veterinary Services Memorandum 800.56.
Waste stream	Not available
Storage	Follow label instructions.
Precautions	Follow label directions to minimize risk of accidental human exposure.
Small spill and leak	Absorb spill. Clean area.
Large spill and leak	Absorb with an inert material and put the spilled mater in an appropriate waste disposal.
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	Goggles.
Engineering controls	Good general ventilation should be sufficient to control airborne levels.

Section 11: Other Information

References

Not available

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