



DOT 	HCS Risk Phrases Not a controlled substance	Protective Clothing 
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### Section 1: Product Identification and Uses

Common/Trade name	<b>Ingelvac® HP-1 (2652.00)</b>	CI#	Not available.
Synonyms	Haemophilus Parasuis Bacterin	TSCA	TSCA inventory: No products were found.
Chemical name	Not Applicable	CAS#	Not available.
Chemical formula	Not Applicable	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	Veterinary biologic		

### Section 2: Hazardous Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC50/LD50
1) Formaldehyde solution 37%	50-00-0	< / = 0.2 v/v	TWA: .75 ppm STEL: 2 ppm	Oral(LD <sub>50</sub> ): Acute: 142000 mg/kg (Rabbit); Dermal(LD <sub>50</sub> ): Acute: 15890 mg/kg (Rabbit); Gas LC <sub>50</sub> : Acute: 64000 ppm 4 hours (Rat), LS Lo, Oral Women 36 mg/kg, TC Lo, Inhalation, Human 17 ppm

### Section 3: Physical Data

Physical state and appearance	Opaque white to cream colored liquid.	Odor	Not available.
PH (1% son/water)	Not available.	Taste	Not available.
Odor threshold	Not available.	Color	White, cream, or milky
Volatility	Not available.		
Melting/Sublimation point	Not available.		
Boiling/Condensation point	Not available.		
Specific gravity	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 4: First Aid Measures**

Eye contact	Flush eyes with copious amounts of water. Consult physician immediately.
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 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 5: Fire and Explosion Data**

The product is:	Not flammable.
Auto-ignition temperature	Not available.
Fire degradation products	Not available.
Flash points	Not available.
Flammable limits	Not flammable.
Fire extinguishing procedures	Not available.
Flammability	Not flammable.
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.
Corrosivity	Not available.
Reactivity	No known incompatibilities.

#### **Section 7: Toxicological Properties**


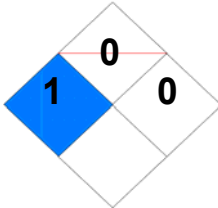
Routes of entry	Not applicable.
TLV	Not available.
Toxicity for animals	LD50: Not available.

	LC50: Not available.
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.
Acute effects on humans	Contains formalin inactivated, non-viable bacterial microorganisms which are no longer capable of infecting humans. Contains organic and inorganic adjuvant constituents. Seek immediate medical attention if human injection occurs. Injection in humans can cause local reactions.

**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 material in an appropriate waste disposal.
Protective Clothing	Goggles.

**Section 9: Classification**

DOT	Not a DOT controlled material (United States).									
	Not applicable.									
Maritime transportation	Not available.									
HCS	Not applicable.									
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>	Health Hazard	1	Fire Hazard	0	Reactivity	0	Personal Protection	n	<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									

**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.

Not available.

Validated by Safety on 3/22/05

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

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