



Material Safety Data Sheet

DOT	HCS Risk Phrases	Protective Clothing
	Not controlled under the HCS (United States)	

Section 1: Product Identification and Uses

Common/Trade name	ReproCyc@ PRRS-PLE (4P19.20)	Cl#	Not available
Synonyms	Porcine Reproductive and Respiratory Syndrome-Parvovirus Vaccine, Reproductive Form, Modified Live and Killed Virus-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Ponoma Bacterin	TSCA	TSCA inventory: No products were found.
Chemical name	Not applicable	CAS#	Not available
Chemical formula	Not applicable	Code	MSDS ID#: N4P19.20
Chemical family	Vaccine	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
Material uses	Vaccine		

Section 2: Hazardous Ingredients

Name	CAS#	% by Weight	TLV/PEL	LC50 / LD 50
1) Formaldehyde	50-00-0	$\leq 0.5 \text{ v/v}$.75 ppm TWA STEL:2	ORAL (LD50): Acute: 14200 mg/kg [Rabbit]. DERMAL (LD50): Acute: 15890 mg/kg [Rabbit]. Gas (LC50): Acute: 64000 ppm 4 hour(s) [Rat].
2) Amphotericin B	1397-89-3	$\leq 0.00025 \text{ w/v}$	Not available	Lvn Wmn LDLo: 22 mg/kg/4D-1, Oral Rat LD50: >5 gm/kg, Oral Mus LD50:> 8 gm/kg Oral-Rat:>5,000 mg/kg (LD50)
3) Gentamicin	1405-41-0	$\leq 30 \mu\text{g/mL}$	Not available	LD50, Oral, Rat 75 mg/kg
4)Thimerosal	54-64-8	$\leq 0.005 \text{ w/v}$	0.1 mg/m ³ , air, TWA	Not available
5) Neomycin sulfate	1405-10-3	$\leq 0.003 \text{ w/v}$	Rec. 2 mg/m ³	

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	Remove person from contaminated area to fresh air.
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, accompanied by a second bottle of freeze dried cream to be reconstituted with the bottle of liquid.	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		

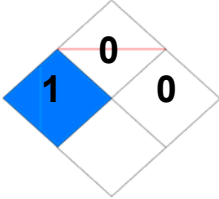
Section 5: Fire and Explosion Data

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 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	Not available
Reactivity	No known incompatibilities.

Section 7: Toxicological Properties	
Routes of entry	Not available
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 human.) 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 and attenuated, live Porcine Reproductive and Respiratory Syndrome Virus. This virus is not considered pathogenic for healthy individuals. Contains neomycin sulfate, amphotericin B, gentamicin, and thimerosal as antimicrobial preservatives.

Section 8: Preventive Measures	
Waste information	Dispose of in accordance with USDA Veterinary Services Memorandum 800.56, thimerosal containing materials are EPA regulated hazardous wastes.
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	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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Validated by Company: 3/15/05

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