

# SAFETY DATA SHEET

PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME  
VACCINE (PRRS), RESPIRATORY FORM,  
MODIFIED LIVE VIRUS, PC 19S1.R0

FILE NO.: PRRSV-SDS-1

SDS DATE: 06AUG19

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Porcine Reproductive and Respiratory Syndrome Vaccine, Respiratory Form, Modified Live Virus  
**SYNONYMS:** PRRS  
**PRODUCT CODE:** 19S1.R0

**MANUFACTURER:** Pharmgate Biologics Inc.  
**ADDRESS:** 2635 University Avenue West, Suite 140, Saint Paul, MN 55114 USA  
**EMERGENCY PHONE:** 612-256-0930  
**FAX PHONE:** 651-644-6831

**PRODUCT USE:** Vaccination of healthy pigs against PRRS  
**PREPARED BY:** Prharmgate Biologics

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## SECTION 2: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** No known significant effects or critical hazards when handled as directed.  
Take care to prevent accidental injection.  
Avoid prolonged contact with eyes, skin and clothing.

**ROUTES OF ENTRY:** Accidental injection or ingestion.

**EYES:** No known significant effects or critical hazards. May cause minor irritation.

**SKIN:** No known significant effects or critical hazards.

**INGESTION:** No known significant effects or critical hazards.

**INJECTION:** Potential health hazard if accidentally injected into a human. This product contains an adjuvant which could cause a local reaction if accidentally injected.

**ACUTE HEALTH HAZARDS:** No known significant effects or critical hazards.

**CHRONIC HEALTH HAZARDS:** No known significant effects or critical hazards.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Allergies to product constituents.

**CARCINOGENICITY:** N/A

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>Concentration Added</u>	<u>Final Product Concentration</u>
Penicillin-G Sodium	69-57-8	20 units/ml	< 20 units/ml
Streptomycin	3810-74-0	0.02 mg/ml	< 0.02 mg/ml

Live PRRS virus.  
Contains additional proprietary ingredients at non-hazardous concentrations.

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Flush eyes with running tap water for 15 minutes.

**SKIN:** Wash thoroughly with soap and water.

**INGESTION:** Contact a physician or poison control center.

**INJECTION:** Contact a physician or poison control center. Review status of tetanus immunization. Consider antibiotic therapy to control infection.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

Health hazards are not anticipated for persons using this product as directed under field conditions.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** Not flammable

**FLASH POINT:** N/A

**EXTINGUISHING MEDIA:** Water or CO<sub>2</sub>

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO and CO<sub>2</sub>

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

For small spills, mop or wipe up. For large spills, absorb with inert material. Wash with soap and water.

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## SECTION 7: HANDLING AND STORAGE

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For best results store under refrigeration (35-46°F/2-8°C). Do not allow to freeze. Follow label directions.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**VENTILATION:** Local exhaust  
**RESPIRATORY PROTECTION:** Not required for normal use.  
**EYE PROTECTION:** Recommended - safety glasses with side shields  
**SKIN PROTECTION:** Recommended - latex gloves or equivalent and lab coat  
**WORK HYGIENIC PRACTICES:** Use aseptic technique.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Lyophilized (Dessicated) Cake,  
**ODOR:** Odorless  
**PHYSICAL STATE:** Lyophilized Cake  
**VAPOR PRESSURE (mmHg):** No data  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.003 - 1.005  
**BOILING POINT:** Similar to water, approximately 212°F/100°C  
**FREEZING POINT:** Similar to water, approximately 32°F/0°C

**SOLUBILITY IN WATER:** Soluble  
**VAPOR DENSITY (AIR = 1):** No data  
**EVAPORATION RATE:** N/A

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIAL TO AVOID):** None  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None  
**HAZARDOUS POLYMERIZATION:** Does not occur.  
**CONDITIONS TO AVOID (POLYMERIZATION):** None  
**CONDITIONS TO AVOID (STABILITY):** None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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N/A

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## SECTION 12: ECOLOGICAL INFORMATION

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Keep out of sewers, storm drains, surface water and soil.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Dispose of in accordance with federal, state and local regulations.

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## SECTION 14: TRANSPORT INFORMATION

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Not classified as a hazardous or dangerous good.

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## SECTION 15: REGULATORY INFORMATION

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Not classified as a hazardous or dangerous good.

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## SECTION 16: OTHER INFORMATION

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