

SAFETY DATA SHEET

MYCOPLASMA HYOPNEUMONIAE BACTERIN, PC 2775.00/B775.00

FILE NO.:

MHB-SDS-2

SDS DATE: 10OCT17

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Mycoplasma Hyopneumoniae Bacterin
SYNONYMS: None
TRADE NAME: MycoGard®
PRODUCT CODES: 2775.00/B775.00

MANUFACTURER: Pharmgate Biologics Inc.
ADDRESS: 2635 University Avenue West, Suite 140, Saint Paul, MN 55114 USA
EMERGENCY PHONE: 651-644-5391
FAX PHONE: 651-644-6831

PRODUCT USE: Vaccination of healthy pigs against Mycoplasma Hyopneumoniae
PREPARED BY: Pharmgate Biologics Inc.

SECTION 2: Hazards Identification

EMERGENCY OVERVIEW: For animal use only. 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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% volume</u>
Thimerosal	54-64-8	0.005-0.01%

Inactivated bacterial fractions in a non-hazardous buffer.
Contains additional proprietary ingredients at non-hazardous concentrations.

SECTION 4: FIRST AID MEASURES

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: In case of human exposure, 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.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not flammable

FLASH POINT: N/A

EXTINGUISHING MEDIA: Water or CO₂

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: CO and CO₂

SAFETY DATA SHEET

MYCOPLASMA HYOPNEUMONIAE BACTERIN, PC 2775.00/B775.00

FILE NO.:

MHB-SDS-2

SDS DATE: 10OCT17

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

SECTION 7: HANDLING AND STORAGE

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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
WORK HYGIENIC PRACTICES: Use aseptic technique.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Colorless aqueous suspension, slightly opaque		
ODOR:	Odorless		
PHYSICAL STATE:	Liquid	SOLUBILITY IN WATER:	Soluble
VAPOR PRESSURE (mmHg):	No data	VAPOR DENSITY (AIR = 1):	No data
SPECIFIC GRAVITY (H₂O = 1):	1.003 - 1.005	EVAPORATION RATE:	N/A
BOILING POINT:	Similar to water, approximately 212°F/100°C		
FREEZING POINT:	Similar to water, approximately 32°F/0°C		

SECTION 10: STABILITY AND REACTIVITY

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): Do not freeze.

SECTION 11: TOXICOLOGICAL INFORMATION

N/A

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

Not classified as a hazardous or dangerous good.

SECTION 15: REGULATORY INFORMATION

Not classified as a hazardous or dangerous good.

SAFETY DATA SHEET

MYCOPLASMA HYOPNEUMONIAE BACTERIN, PC 2775.00/B775.00

FILE NO.:

MHB-SDS-2

SDS DATE: 10OCT17

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information contained herein is believed to be correct, but is offered only as a guide. ProtaTek International, Inc. disclaims any warranty, expressed or implied, and shall not be held liable for any direct, incidental, or consequential damages resulting from reliance on the information.