

# MATERIAL SAFETY DATA SHEET

Quality Assessment Product Samples Using Non-hazardous Transport Medium

MSDS DATE: 22 Nov, 2018/ R2

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Quality Assessment Product Samples Using Non-Hazardous Transport Medium  
**SYNONYMS:** None  
**PRODUCT CODES:** PT-02-M1, PT-02-M2, PT-07-01, PT-07-02, PT-07-03, PT-07-04, PT-10-M1, PT-12-01, PT-13-01, PT-13-02, PT-13-03, PT-13-04, PT-13-05, PT-14-01, PT-14-02, PT-14-03, PT-14-04, PT-14-05, PT-15-01, PT-15-02, PT-15-03, PT-23-M1, PT-35-01, PT-35-02, PT-36-01, PT-36-02, PT-36-03, PT-36-04, PT-37-01, PT-37-02, PT-37-03, PT-99-01, PT-99-M2; VP-02-M1, VP-02-M2, VP-07-01, VP-07-02, VP-07-03, VP-07-04, VP-10-M1, VP-12-01, VP-13-01, VP-13-02, VP-13-03, VP-13-04, VP-13-05, VP-14-01, VP-14-02, VP-14-03, VP-14-04, VP-14-05, VP-15-01, VP-15-02, VP-15-03, VP-23-M1, VP-35-01, VP-35-02, VP-36-01, VP-36-02, VP-36-03, VP-36-04, VP-37-01, VP-37-02, VP-37-03, VP-99-01, VP-99-M2

**MANUFACTURER:** Microbix Biosystems Inc.  
**ADDRESS:** 265 Watline Avenue, Mississauga, ON, Canada, L4Z 1P3

**TECHNICAL PHONE:** 905-361-8910  
**FAX PHONE:** 905-361-8911

**CHEMTREC PHONE:** 800-424-9300 for assistance  
International 703-527-3887

**AGENT NAME:** Herpes Simplex 1, Herpes Simplex 2, Respiratory Syncytial Virus, *Chlamydia trachomatis*, Parainfluenza 3, Influenza A, Influenza B, Adenovirus, Rotavirus, Shiga Toxin, *Cryptosporidium parvum*, *Giardia lamblia*, *Trichomonas vaginalis*

**PRODUCT USE:** For further manufacturing or research use only.

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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The product contains no substances which, at their given concentration, are considered to be hazardous to health.

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## SECTION 3: HAZARDS IDENTIFICATION

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### EMERGENCY OVERVIEW:

**ROUTES OF ENTRY:** Inhalation, skin, ingestion.

### POTENTIAL HEALTH EFFECTS:

**EYES:** May cause irritation.  
**SKIN:** May cause irritation.  
**INGESTION:** Harmful if swallowed.  
**INHALATION:** Inhalation of large quantities may cause respiratory tract irritation with coughing and breathing difficulty.

**ACUTE HEALTH HAZARDS:** None known.

**CHRONIC HEALTH HAZARDS:** None known.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

### CARCINOGENICITY

OSHA: Not listed.

ACGIH: Not listed.

NTP: Not listed.

IARC: Not listed.

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## SECTION 4: FIRST AID MEASURES

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**Eye:** Irrigate immediately with copious amounts of water for at least 15 minutes. Seek medical attention.

**Skin:** Immediately wash affected area with germicidal soap and copious amounts of water. Seek medical attention

**Ingestion:** Wash out mouth with water provided the person is conscious. Seek medical attention.

**Inhalation:** Remove individual to fresh air and seek medical attention.

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## SECTION 5: FIRE-FIGHTING MEASURES

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FLAMMABLE LIMITS IN AIR, UPPER: Not Applicable  
(% BY VOLUME) LOWER: Not Applicable

FLASH POINT: Not Applicable

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Use protective clothing and breathing equipment appropriate for the surrounding fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not applicable.

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: Absorb with an inert material and put the spilled material in an appropriate waste disposal. No specific spill kit required for this product.

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Store this antigen preparation at 2°C - 8°C. Generally accepted good laboratory practices appropriate to biological reagents should be employed when handling this product.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: No specific controls are needed.

RESPIRATORY PROTECTION: Vapor respirator, be sure to use an approved/certified respirator or equivalent.

EYE PROTECTION: Goggles

SKIN PROTECTION: Gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not normally required.

WORK HYGIENIC PRACTICES: There are no known hazards associated with this material when used as recommended. Report as potentially infectious material and follow good industry hygiene practices.

EXPOSURE GUIDELINES: Not established.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Clear, colourless to pink liquid.

ODOR: None known.

PHYSICAL STATE: Liquid at Room Temperature

pH AS SUPPLIED: 6-8

BOILING POINT:

F: Not Available

C: Not Available

MELTING POINT:

F: Not Available

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C: Not Available

## FREEZING POINT:

F: Not Available

C: Not Available

VAPOR PRESSURE (mmHg): Not Available

VAPOR DENSITY (AIR = 1): Not Available

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): Not Available

EVAPORATION RATE: Not Available

SOLUBILITY IN WATER: Not Available

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable used under normal conditions.

CONDITIONS TO AVOID (STABILITY): Avoid heating.

INCOMPATIBILITY (MATERIAL TO AVOID): Incompatible with heavy metals and acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Not Available

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): Not Available.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### TOXICOLOGICAL INFORMATION:

EYE CONTACT: May cause irritation.

SKIN CONTACT: May cause irritation.

INGESTION: Harmful if swallowed.

INHALATION: Inhalation of large quantities may cause respiratory tract irritation with coughing and breathing difficulty.

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Not applicable.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Always dispose of in accordance with local, state and federal regulations.

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## SECTION 14: TRANSPORT INFORMATION

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Not regulated.

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Yes.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not found

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OSHA Status: At product concentrations, the chemical components listed on this MSDS are not hazardous.

## CANADIAN FEDERAL REGULATIONS:

WHMIS: Not controlled.

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## SECTION 16: OTHER INFORMATION

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### OTHER INFORMATION:

Product Use: For further laboratory in vitro use only.

### PREPARATION INFORMATION:

Prepared By: Quality Assurance  
Revision Date: 22 November, 2018

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