

# MATERIAL SAFETY DATA SHEET

## 1. Product Identification:

Product Name:	<b>Human Metapneumovirus (MPV) Type 20 (A2) Lysate</b>
Catalog Number:	0810163
Product ID Number (CAS #):	None
Manufacturer Information:	<b><u>ZeptoMetrix Corporation</u></b> 872 Main Street Buffalo, New York 14202 Phone: (716)-882-0920 Fax: (716)-882-0959 (KAC) 01/2012
Preparation/Revision Date:	

## 2. Hazardous Ingredients:

<u>Component</u>	<u>Concentration</u>	<u>CAS Number</u>
Inactivated Viral Lysate	mg	N/A

(Note: This product does contain material derived from human sources and may be considered a biohazard and/or Regulated Medical Waste in your state. Check your Local Environmental Regulations.)

## 3. Health Hazard Information:

<b><u>Symptoms of Overexposure:</u></b>	
Contact with Eyes:	Possible irritation.
Contact with Skin:	Possible irritation.
Absorbency Through Skin:	No adverse effects expected, not reported to be absorbed through the skin.
Ingestion:	Harmful if swallowed, may cause irritation.
Inhalation:	N/A
<b><u>Health Effects or Risks from Exposure:</u></b>	
Acute:	Possible illness in children, elderly, and immune-compromised patients.
Chronic:	None known.
<b><u>Environment</u></b>	
Toxicity	None known.

## 4. First Aid/Emergency Measures:

Eye Contact:	Wash with large volumes of water until irritation is relieved, lifting the upper and lower eye lids occasionally. If irritation persists, seek medical attention.
Skin Contact:	Wash with soap and water.
Ingestion:	Rinse mouth with water, then drink one (1) cup of water or milk to dilute the stomach. If adverse reaction occurs, seek medical attention immediately.
Inhalation:	If it occurs move patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

## 5. Fire and Explosion Measures:

Flashpoint:	N/A
Extinguishing Media:	Whatever is used for the surrounding area.
Special Firefighting Procedures:	No special procedures are required.
Unusual Fire/Explosion Hazards:	N/A
Toxic Gases Produced:	N/A

## 6. Accidental Release Measures:

Spill:	Disinfect spill area with a 30% bleach solution. Take up with absorbent material and place in a biohazard container.
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## 7. Handling and Storage:

Storage:	-65°C
Handling:	Handle as an infectious agent. Prevent contact with eyes, skin and clothing.
Special Precautions:	Universal Precautions (BSL-2)

**8. Exposure Controls and Personal Protection:**

Eye/Face Protection:	Safety glasses are recommended.
Skin Protection:	Disposable gloves are required. Lab coat or apron recommended.
Respiratory Protection:	N/A
Mechanical Protection:	N/A
Special Work Practices:	Use good laboratory practices when handling.

**9. Physical and Chemical Characteristics:**

Appearance:	A clear to whitish solution.
Boiling Point:	Unknown
Melting Point:	N/A
pH:	Unknown
Vapor Pressure:	Unknown
Vapor Density:	Unknown
Solubility in Water:	Soluble
Evaporation Rate:	Unknown
Specific Gravity:	Unknown

**10. Stability and Reactivity:**

Reactivity:	N/A
Stability:	Stable
Conditions to Avoid:	N/A
Incompatibility:	N/A
Hazardous Polymerization:	Will not occur.
Decomposition Products:	

**11. Toxicological Information:**

Chronic effects of over-exposure	This product has <b>not</b> been tested.
Carcinogen or suspected carcinogen	None of the products are listed as a carcinogen or suspected carcinogen.
Medical conditions aggravated by exposure	Contains inactive human disease causing material. May exacerbate respiratory illness.
Acute toxicity	None known.
Inhalations	Inhalation of mists may cause respiratory irritation and possible infection.
Ingestion	Human serum or other human source material used to manufacture product.
Skin contact	May cause mild irritation. Contains inactive human disease causing material. Prolonged and extensive skin contact may result in absorption with systemic symptoms similar to ingestion.
Eye contact	May cause irritation.
Acute Toxicity Values	N/A

**12. Ecological Information:**

Ecological effects of this mixture have not been determined.

**13. Disposal Information:**

Disposal: Recommended disposal in 30% bleach.

**14. Transport Information: (IATA Regulations)**

Proper shipping name	Human Metapneumovirus (MPV) Type 20 (A2) Lysate
Technical name	MPV Type 20 Lysate
UN Number	N/A
Hazard class and packaging group	N/A
Label(s)	N/A
Packing instruction (passenger or cargo aircraft)	N/A
Unit volume	1 x 0.5-1 mg
Primary container type	The product container is polypropylene.
Sales unit	1 vial

**15. Regulatory Information:**

SARA 311/312: Hazard categories for SARA Section 311/312 Reporting	Not hazardous.
Canadian WHMIS Classification	N/A
EU Classification (90/492/EE)	N/A
EU Risk and Safety Phrases	None
California Proposition 65: This product contains the following substances known to the State of California to cause Reproductive Toxicity (birth defects).	None

**16. Other Information:**

Warning-possible hazardous material	Any product prepared from human blood, plasma, or serum should be handled cautiously as a hazardous material according to good laboratory practices.
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