

SAFETY DATA SHEET (SDS)

1. Product Identification:

Product Name:	Anti-HIV Type 1 p24 Clone 39/5.4A (100 µg)
Catalog Number:	0801080
Product ID Number (CAS #)	No Data Available
Intended use of the product:	For research or further manufacturing only.
Manufacturer:	ZeptoMetrix LLC 878 Main Street
Address:	Buffalo, New York 14202 United States of America
Telephone:	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free)

2. Hazard(s) Identification:

Classification:	This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Hazard Pictograms	None.
Signal word:	None.
Hazard statements:	None.
Precautionary statement:	None. POTENTIAL BIOHAZARD.
Other hazards:	May present unknown hazards and should be handled as if capable of transmitting infectious agents. Use universal precautions with proper personal protective equipment, proper engineering controls and use within the parameters of the purchaser's safety program.
Unknown acute toxicity:	No information available.

3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
N/A	N/A	N/A	N/A

4. First Aid/Emergency Measures:

Description of first aid measures	
First-aid measures general:	If you feel unwell, seek medical advice.
First-aid measures after Eye Contact:	Rinse cautiously with copious amounts of water for several minutes.
First-aid measures after Skin Contact:	Remove contaminated clothing and immediately rinse skin with copious amounts of water followed by washing with soap and copious amounts of water.
First-aid measures after Ingestion:	If the person is unconscious, seek emergency medical attention: never give anything by mouth to an unconscious person. If the person is conscious, wash mouth out with copious amounts of water and call a physician. Do not induce vomiting unless directed to do so by a physician.
First-aid measures after Inhalation:	If person is unconscious, seek emergency medical attention. If person is conscious, remove to fresh air and call a physician.
Most important symptoms and effects, both acute and delayed	
Symptoms/injuries after Eye Contact:	Seek medical assistance if persist.
Symptoms/injuries after Skin Contact:	Seek medical assistance if persist.
Symptoms/injuries after Ingestion:	Seek medical assistance if persist.
Symptoms/injuries after Inhalation:	Seek medical assistance if persist.
Indication of any immediate medical attention and special treatment needed :No special measures required.	

5. Fire and Explosion Measures:

Extinguishing Media	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Special hazards arising from the substance or mixture	
Fire hazard:	No Data Available
Explosion hazard:	No Data Available
Reactivity:	No Data Available
Advice for firefighters	
Firefighting instructions:	Exercise caution when fighting a fire.
Protection during firefighting:	Firefighters should wear protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures:

Personal precautions, protective equipment and emergency procedures	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
For non-emergency personnel	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
For emergency responders	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
Methods and material for containment and cleaning up	
For containment:	Contain material in accordance to State and Federal regulations.
Methods for cleaning up:	Follow and dispose of material in accordance to State and Federal waste disposal regulations.

7. Handling and Storage:

Precautions for safe handling	
Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures.
Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in a dry and cool place. Keep container closed when not in use.
Incompatible products:	No Data Available
Incompatible materials:	No Data Available
Storage:	Recommended storage temperature < - 10 Degrees Celsius.

8. Exposure Controls and Personal Protection:

Exposure Controls	
Appropriate engineering controls:	Handle in accordance with good laboratory practices and safety procedures.
Personal Protective Equipment:	Use laboratory coat, protective gloves, safety glasses and suitable protective clothing.
Pictograms:	 
Eye/Face protection:	Wear in accordance with good laboratory practices and safety procedures.
Skin and body protection:	Wear in accordance with good laboratory practices and safety procedures.
Respiratory protection:	Wear in accordance with good laboratory practices and safety procedures.
Hand protection:	Wear in accordance with good laboratory practices and safety procedures.
Mechanical protection:	Wear in accordance with good laboratory practices and safety procedures.
Special work practices:	Wear in accordance with good laboratory practices and safety procedures.

9. Physical and Chemical Properties:

Information on basic physical and chemical properties

Physical State:	Liquid at room temperature.
Appearance/color:	Clear aqueous solution.
Odor:	No Data Available
Odor threshold:	No Data Available
pH:	7.2-7.4
Melting point/freezing point:	No Data Available
Boiling point:	No Data Available
Flash point:	No Data Available
Evaporation rate:	No Data Available
Flammability:	No Data Available
Upper/lower flammability or explosive limits:	No Data Available
Vapor pressure:	No Data Available
Vapor density:	No Data Available
Relative density:	No Data Available
Solubility(ies):	No Data Available
Partition coefficient:	No Data Available
Auto-ignition temperature:	No Data Available
Decomposition temperature:	No Data Available
Viscosity:	No Data Available
Other information:	No Data Available

10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	No Data Available
Incompatible materials:	No Data Available
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information:

Information on toxicological effects

Skin corrosion/irritation:	No Data Available
Eye damage/irritation:	No Data Available
Respiratory damage/irritation:	No Data Available
Ingestion damage/irritation:	No Data Available
Specific target organ toxicity (single exposure):	No Data Available
Specific target organ toxicity (repeated exposure):	No Data Available
Numerical measure of toxicity:	No Data Available
Symptoms/injuries after skin contact:	No Data Available
Symptoms/injuries after eye contact:	No Data Available
Symptoms/injuries after inhalation:	No Data Available
Symptoms/injuries after ingestion:	No Data Available

12. Ecological Information:

Ecotoxicity:	No Data Available
Persistence and degradability:	No Data Available
Bioaccumulative potential:	No Data Available
Mobility in soil:	No Data Available
Other adverse effects:	No Data Available

13. Disposal Information:

Waste disposal recommendations:	Dispose of material in accordance to local, State and Federal waste disposal regulations.
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14. Transport Information:

UN number	Not Regulated.
UN proper shipping name	Not Regulated.
Hazard Class	Not Applicable.
Packing group	Not Applicable.
Environmental hazards	Not Applicable.
Transport in bulk (According to MARPOL 73/78 and IBC Code)	Not Applicable.
Special precautions	May require Biosafety Level 2 Laboratory.

15. Regulatory Information:

SARA 311/312:	Not listed.
Canadian WHMIS Classification:	No Information Available.
REACH (Regulation (EC) 1907/2006):	This product complies with or is exempted from the registration process.
RoHS (Directives 2011/65/EU and 2015/863):	This product complies with or is exempted from the registration process.
WEEE (Directive 2012/19/EU):	This product complies with or is exempted from the registration process.
California Proposition 65:	This product does not contain chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.

16. Other Information:

Preparation Date	2021/07/27
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All materials and mixtures may present unknown hazards and should be handled and used with caution. When necessary or appropriate, independent opinion regarding the risk of handling or exposure should be obtained from trained professionals.