

SAFETY DATA SHEET (SDS)

1. Product Identification:

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| Product Name: | Anti-HIV Type 1 gp41 Clone 10E9 (1 mg) |
| Catalog Number: | 0801121 |
| Product ID Number (CAS #) | No Data Available |
| Intended use of the product: | For research or further manufacturing only. |
| <u>ZeptoMetrix Corporation</u> | |
| 878 Main Street | |
| Buffalo, New York 14202 | |
| Phone: (716) 882-0920 Fax: (716) 882-0959 | |
| Emergency telephone number: | (716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST |

2. Hazard(s) Identification:

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|---|---|
| Classification of the substance or chemical: | |
| Classification: | Not a hazardous substance or mixture. Not Applicable |
| Hazard Pictograms | |
| Signal word: | No signal word. |
| Hazard statements: | No known significant effects or critical hazards. |
| Precautionary statement: | Not Applicable |
| Other hazards: | No Data Available |
| Unknown acute toxicity: | No Data 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:

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| 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:

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| 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:

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| 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:

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| 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:

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| 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 | |
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| 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:

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| 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:

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|--------------------------------|-------------------|
| 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:

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

| In accordance with IATA Regulations | |
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| UN number | No Data Available |
| UN proper shipping name | No Data Available |
| Department of Transportation (DOT) | No Data Available |
| Hazard Classes | No Data Available |
| Hazard labels (DOT) | No Data Available |
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| Packing group (DOT) | No Data Available |
| Environmental hazards | No Data Available |
| Transport in bulk | No Data Available |
| Special precautions | No Data Available |

15. Regulatory Information:

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| SARA 311/312: Hazard categories for SARA Section 311/312 Reporting | No Data Available |
| Canadian WHMIS Classification | No Data Available |
| EU Classification (90/492/EE) | No Data Available |
| EU Risk and Safety Phrases | No Data Available |
| California Proposition 65: This product contains the following substances known to the State of California to cause Reproductive Toxicity (birth defects). | No Data Available |

16. Other Information:

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| Preparation Date | 2015/04/08 |
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