

SAFETY DATA SHEET (SDS)

1. Product Identification:

Product Name:	Chikungunya Virus (Strain: R80422) (Heat Inactivated) (1 mL)
Catalog Number:	0810105CFHI
Product ID Number (CAS #)	No Data Available
Intended use of the product:	For research use only.
<u>ZeptoMetrix Corporation</u>	
878 Main Street	
Buffalo, New York 14202	
Phone: (716)-882-0920 Fax: (716)-882-0959	
Emergency telephone number:	1-800-274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

2. Hazard(s) Identification:

Classification of the substance or chemical:	
Classification:	No Data Available
Hazard Pictograms	
Signal word:	Danger
Hazard statements:	Potential Biohazard, Use Universal Precautions This substance is not hazardous as defined by OSHA 29CFR 1910.1200 but this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.
Precautionary statement:	
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>
Viral Culture Fluid at Biosafety Level 3, Heat Inactivated	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 required.
Symptoms/injuries after Skin Contact:	Seek medical assistance if required.
Symptoms/injuries after Ingestion:	Seek medical assistance if required.
Symptoms/injuries after Inhalation:	Seek medical assistance if required.
Indication of any immediate medical attention and special treatment needed : No Data Available	

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 protection equipment (PPE) and appropriate laboratory procedures.
For non-emergency personnel	
Protective equipment:	Use appropriate personal protection equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
For emergency responders	
Protective equipment:	Use appropriate personal protection 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 Biosafety Level 3 safety procedures. Please reference the 5 th edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL) for a detailed discussion on biological safety (http://www.cdc.gov/biosafety/publications/bmb15/index.htm).
Conditions for safe storage, including any incompatibilities	
Storage conditions:	Keep container closed when not in use. Do not store in a frost-free freezer.
Incompatible products:	No Data Available
Incompatible materials:	No Data Available
Storage:	Recommended storage temperature -65°C or below.

8. Exposure Controls and Personal Protection:

Exposure Controls	
Appropriate engineering controls:	Handle in accordance with good laboratory practices and safety practices.
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
Appearance/color:	Light pink, orange, or yellow-ish in color.
Odor:	No Data Available
Odor threshold:	No Data Available
pH:	No Data Available
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:	Avoid freeze-thawing material.

10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	No Data Available
Possibility of hazardous reactions:	No Data Available
Conditions to avoid:	No Data Available
Incompatible materials:	No Data Available
Hazardous decomposition products:	No Data Available

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:

In accordance with IATA Regulations	
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
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:

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:

Preparation Date	2015/05/18
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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.