







## SAFETY DATA SHEET (SDS)

<b>Product Name:</b>	HIV Type 1 p24 Antigen ELISA
<b>Catalog Number:</b>	0801111
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
<b>Phone: (716) 882-0920</b>	<b>Fax: (716) 882-0959</b>
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

Component Number	Component Description	Hazard Identifications
0701011	HIV-1 p24 Antibody Coated Microplate	None
0702033	Streptavidin-Peroxidase	None
0702034	HIV-1 p24 Antigen Standard	Warning
0704012	HIV-1 p24 Detector Antibody	
0704013	Detector Antibody Diluent	None
0705009	Assay Diluent	
0706005	Substrate Buffer	None
0707002	10X Plate Wash Buffer	
0708003	Stop Solution	
0709003	TMB Substrate	
0711005	Lysing Buffer	

## SAFETY DATA SHEET (SDS)

### 1. Product Identification:

<b>Product Name:</b>	HIV-1 p24 Antigen Standard
<b>Catalog Number:</b>	0702034
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
Phone: (716) 882-0920 Fax: (716) 882-0959	
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

### 2. Hazard(s) Identification:

<b>Classification of the substance or chemical:</b>	
<b>Classification:</b>	No Data Available
<b>Hazard Pictograms</b>	
<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	Use Universal Precautions
<b>Precautionary statement:</b>	All materials and mixtures may present unknown hazards and should be handled as if capable of transmitting infectious agents.
<b>Other hazards:</b>	No Data Available
<b>Unknown acute toxicity:</b>	No Data Available

### 3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
Viral Lysate at Biosafety Level 1	N/A	< 0.1 µg/ml	N/A

### 4. First Aid/Emergency Measures:

<b>Description of first aid measures</b>	
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.
<b>Most important symptoms and effects, both acute and delayed</b>	
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.
<b>Indication of any immediate medical attention and special treatment needed :</b> No special measures required	

## 5. Fire and Explosion Measures:

<b>Extinguishing Media</b>	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
<b>Special hazards arising from the substance or mixture</b>	
Fire hazard:	No Data Available
Explosion hazard:	No Data Available
Reactivity:	No Data Available
<b>Advice for firefighters</b>	
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:

<b>Personal precautions, protective equipment and emergency procedures</b>	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
<b>For non-emergency personnel</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
<b>For emergency responders</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
<b>Methods and material for containment and cleaning up</b>	
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:

<b>Precautions for safe handling</b>	
Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures.
<b>Conditions for safe storage, including any incompatibilities</b>	
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 2-8 Degrees Celsius.

## 8. Exposure Controls and Personal Protection:

<b>Exposure Controls</b>	
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
Appearance/color:	Clear to Amber
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
<b>Other information:</b>	No Data Available

## 10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	This 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:

<b>In accordance with IATA Regulations</b>	
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	2021/06/10
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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.

## SAFETY DATA SHEET (SDS)

### 1. Product Identification:

<b>Product Name:</b>	HIV-1 p24 Detector Antibody
<b>Catalog Number:</b>	0704012
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
Phone: (716) 882-0920 Fax: (716) 882-0959	
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

### 2. Hazard(s) Identification:

<b>Classification of the substance or chemical:</b>	
<b>Classification:</b>	Irritant (skin and eye)
<b>Hazard Pictograms</b>	
<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	Causes serious eye irritation May cause skin irritation Wash hands thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection
<b>Precautionary statement:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
<b>Other hazards:</b>	Antibodies derived from human source material. Use Universal Precautions. All materials and mixtures may present unknown hazards and should be handled as if capable of transmitting infectious agents.
<b>Unknown acute toxicity:</b>	No Data Available

### 3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
octyl phenol ethoxylate (Triton X-100)	9002-93-1	1%	Irritant

### 4. First Aid/Emergency Measures:

<b>Description of first aid measures</b>	
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.
<b>Most important symptoms and effects, both acute and delayed</b>	
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.
<b>Indication of any immediate medical attention and special treatment needed :</b> No special measures required	

## 5. Fire and Explosion Measures:

<b>Extinguishing Media</b>	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
<b>Special hazards arising from the substance or mixture</b>	
Fire hazard:	No Data Available
Explosion hazard:	No Data Available
Reactivity:	No Data Available
<b>Advice for firefighters</b>	
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:

<b>Personal precautions, protective equipment and emergency procedures</b>	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
<b>For non-emergency personnel</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
<b>For emergency responders</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
<b>Methods and material for containment and cleaning up</b>	
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:

<b>Precautions for safe handling</b>	
Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures.
<b>Conditions for safe storage, including any incompatibilities</b>	
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 2-8 Degrees Celsius.

## 8. Exposure Controls and Personal Protection:

<b>Exposure Controls</b>	
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:	Solid
Appearance/color:	White to Yellow
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
<b>Other information:</b>	No Data Available

## 10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	This 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:	May cause skin irritation.
Eye damage/irritation:	May cause eye irritation.
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:

<b>In accordance with IATA Regulations</b>	
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	2021/06/10
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### DISCLAIMER

The information, data and any recommendations contained herein ("Information") is based upon available information believed by ZeptoMetrix LLC to be reliable, however ZEPTOMETRIX neither warrants or assumes any liability for the accuracy or completeness of the Information. ZEPTOMETRIX MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED (INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) WITH REGARD TO THE MATERIALS OR INFORMATION DESCRIBED HEREIN, THAT THE MATERIALS WILL NOT POSE A SAFETY OR HEALTH RISK, OR THAT THE MATERIALS WILL ACCOMPLISH ANY PARTICULAR RESULT.


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.

## SAFETY DATA SHEET (SDS)

### 1. Product Identification:

<b>Product Name:</b>	Assay Diluent
<b>Catalog Number:</b>	0705009
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
Phone: (716) 882-0920 Fax: (716) 882-0959	
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

### 2. Hazard(s) Identification:

<b>Classification of the substance or chemical:</b>	
<b>Classification:</b>	Irritant (skin and eye)
<b>Hazard Pictograms</b>	
<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	Causes serious eye irritation May cause skin irritation Wash hands thoroughly after handling
<b>Precautionary statement:</b>	Wear protective gloves/protective clothing/eye protection/face protection IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
<b>Other hazards:</b>	No Data Available
<b>Unknown acute toxicity:</b>	No Data Available

### 3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
octyl phenol ethoxylate (Triton X-100)	9002-93-1	1%	Irritant
2-Chloroacetamide	79-07-2	0.1%	Irritant

### 4. First Aid/Emergency Measures:

<b>Description of first aid measures</b>	
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.
<b>Most important symptoms and effects, both acute and delayed</b>	
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.
<b>Indication of any immediate medical attention and special treatment needed :</b> No special measures required	

## 5. Fire and Explosion Measures:

<b>Extinguishing Media</b>	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
<b>Special hazards arising from the substance or mixture</b>	
Fire hazard:	No Data Available
Explosion hazard:	No Data Available
Reactivity:	No Data Available
<b>Advice for firefighters</b>	
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:

<b>Personal precautions, protective equipment and emergency procedures</b>	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
<b>For non-emergency personnel</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
<b>For emergency responders</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
<b>Methods and material for containment and cleaning up</b>	
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:

<b>Precautions for safe handling</b>	
Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures.
<b>Conditions for safe storage, including any incompatibilities</b>	
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 2-8 Degrees Celsius.

## 8. Exposure Controls and Personal Protection:

<b>Exposure Controls</b>	
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
Appearance/color:	Clear to Amber
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
<b>Other information:</b>	No Data Available

## 10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	This 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:	May cause skin irritation.
Eye damage/irritation:	May cause eye irritation.
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:

<b>In accordance with IATA Regulations</b>	
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	2021/06/10
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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.

## SAFETY DATA SHEET (SDS)

### 1. Product Identification:

<b>Product Name:</b>	10X Plate Wash Buffer
<b>Catalog Number:</b>	0707002
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
Phone: (716) 882-0920 Fax: (716) 882-0959	
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

### 2. Hazard(s) Identification:

<b>Classification of the substance or chemical:</b>	
<b>Classification:</b>	Irritant
<b>Hazard Pictograms</b>	
<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	May cause skin irritation
<b>Precautionary statement:</b>	Wash hands thoroughly after handling
<b>Other hazards:</b>	No Data Available
<b>Unknown acute toxicity:</b>	No Data Available

### 3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
2-Chloroacetamide	79-07-2	1%	Irritant

### 4. First Aid/Emergency Measures:

<b>Description of first aid measures</b>	
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.
<b>Most important symptoms and effects, both acute and delayed</b>	
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.
<b>Indication of any immediate medical attention and special treatment needed :</b> No special measures required	

## 5. Fire and Explosion Measures:

<b>Extinguishing Media</b>	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
<b>Special hazards arising from the substance or mixture</b>	
Fire hazard:	No Data Available
Explosion hazard:	No Data Available
Reactivity:	No Data Available
<b>Advice for firefighters</b>	
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:

<b>Personal precautions, protective equipment and emergency procedures</b>	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
<b>For non-emergency personnel</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
<b>For emergency responders</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
<b>Methods and material for containment and cleaning up</b>	
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:

<b>Precautions for safe handling</b>	
Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures.
<b>Conditions for safe storage, including any incompatibilities</b>	
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 2-30 Degrees Celsius.

## 8. Exposure Controls and Personal Protection:

<b>Exposure Controls</b>	
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:



<b>Information on basic physical and chemical properties</b>	
Physical State:	Liquid
Appearance/color:	Clear
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
<b>Other information:</b>	No Data Available

## 10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	This 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:

<b>Information on toxicological effects</b>	
Skin corrosion/irritation:	May cause skin irritation.
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:

<b>In accordance with IATA Regulations</b>	
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	2021/06/10
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The information, data and any recommendations contained herein ("Information") is based upon available information believed by ZeptoMetrix LLC to be reliable, however ZEPTOMETRIX neither warrants or assumes any liability for the accuracy or completeness of the Information. ZEPTOMETRIX MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED (INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) WITH REGARD TO THE MATERIALS OR INFORMATION DESCRIBED HEREIN, THAT THE MATERIALS WILL NOT POSE A SAFETY OR HEALTH RISK, OR THAT THE MATERIALS WILL ACCOMPLISH ANY PARTICULAR RESULT.


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.

## SAFETY DATA SHEET (SDS)

### 1. Product Identification:

<b>Product Name:</b>	Stop Solution
<b>Catalog Number:</b>	0708003
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
Phone: (716) 882-0920 Fax: (716) 882-0959	
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

### 2. Hazard(s) Identification:

<b>Classification of the substance or chemical:</b>	
<b>Classification:</b>	Corrosive
<b>Hazard Pictograms</b>	
<b>Signal word:</b>	Danger
<b>Hazard statements:</b>	May be corrosive to metals. Causes skin irritation. Causes serious eye damage.
<b>Precautionary statement:</b>	Wash skin thoroughly after handling. Wear protective gloves/ eye protection/ face protection. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Other hazards:</b>	No Data Available
<b>Unknown acute toxicity:</b>	No Data Available

### 3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
Citric Acid, Monohydrate	5949-29-1	10-50%	Irritant
Hydrochloric Acid	7647-01-0	1-5%	Corrosive

### 4. First Aid/Emergency Measures:

<b>Description of first aid measures</b>	
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.
<b>Most important symptoms and effects, both acute and delayed</b>	
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.
<b>Indication of any immediate medical attention and special treatment needed :</b> No special measures required	

### 5. Fire and Explosion Measures:

<b>Extinguishing Media</b>
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Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
<b>Special hazards arising from the substance or mixture</b>	
Fire hazard:	No Data Available
Explosion hazard:	No Data Available
Reactivity:	No Data Available
<b>Advice for firefighters</b>	
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:

<b>Personal precautions, protective equipment and emergency procedures</b>	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
<b>For non-emergency personnel</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
<b>For emergency responders</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
<b>Methods and material for containment and cleaning up</b>	
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:

<b>Precautions for safe handling</b>	
Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures.
<b>Conditions for safe storage, including any incompatibilities</b>	
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 2-30 Degrees Celsius.

## 8. Exposure Controls and Personal Protection:

<b>Exposure Controls</b>	
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:

<b>Information on basic physical and chemical properties</b>	
Physical State:	Liquid
Appearance/color:	Clear
Odor:	No Data Available

Odor threshold:	No Data Available
pH:	<2
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
<b>Other information:</b>	No Data Available

## 10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	This 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:

In accordance with IATA Regulations	
UN number	UN1789
UN proper shipping name	Hydrochloric Acid
Department of Transportation (DOT)	
Hazard Classes	8
Hazard labels (DOT)	Corrosive
Packing group (DOT)	III
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	Acute Health Hazard
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).	None

## 16. Other Information:

Preparation Date	2021/06/10
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## SAFETY DATA SHEET (SDS)

### 1. Product Identification:

<b>Product Name:</b>	TMB Substrate (Tetramethylbenzidine)
<b>Catalog Number:</b>	0709003
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
<b>Phone: (716) 882-0920</b>	<b>Fax: (716) 882-0959</b>
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

### 2. Hazard(s) Identification:

<b>Classification of the substance or chemical:</b>	
<b>Classification:</b>	Skin Irritant 2 Eye Irritant 2 Flammable Liquid 4
<b>Hazard Pictograms</b>	
<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	Combustible liquid - Causes skin irritation - Causes serious eye irritation - May cause respiratory irritation Keep away from heat/sparks/open flames/hot surfaces. – No smoking – Wear protective gloves/protective clothing/eye protection/face protection
<b>Precautionary statement:</b>	IF ON SKIN: Wash with plenty of soap and water – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
<b>Other hazards:</b>	No Data Available
<b>Unknown acute toxicity:</b>	No Data Available

### 3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
Dimethyl sulfoxide (DMSO)	67-68-5	99%	Irritant, Flammable

### 4. First Aid/Emergency Measures:

<b>Description of first aid measures</b>	
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.
<b>Most important symptoms and effects, both acute and delayed</b>	
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.
<b>Indication of any immediate medical attention and special treatment needed :</b> No Data Available	



## 5. Fire and Explosion Measures:

<b>Extinguishing Media</b>	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
Unsuitable extinguishing media:	Use an extinguishing agent suitable for the surrounding area.
<b>Special hazards arising from the substance or mixture</b>	
Fire hazard:	Combustible liquid.
Explosion hazard:	No Data Available
Reactivity:	No Data Available
<b>Advice for firefighters</b>	
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:

<b>Personal precautions, protective equipment and emergency procedures</b>	
General measures:	Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures.
<b>For non-emergency personnel</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency laboratory procedures.
<b>For emergency responders</b>	
Protective equipment:	Use appropriate personal protective equipment (PPE).
Emergency procedures:	Use appropriate emergency procedures.
<b>Methods and material for containment and cleaning up</b>	
For containment:	Prevent further leakage or spillage if safe to do so. Contain material in accordance to State and Federal regulations.
Methods for cleaning up:	Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete. Use non-sparking tools and equipment. Follow and dispose of material in accordance to State and Federal waste disposal regulations.

## 7. Handling and Storage:

<b>Precautions for safe handling</b>	
Precautions for safe handling:	Handle in accordance with good laboratory practices and safety procedures. Hygroscopic. Light Sensitive. Heat Sensitive.
<b>Conditions for safe storage, including any incompatibilities</b>	
Storage conditions:	Store in a dry and cool place. Keep container closed when not in use.
Incompatible products:	Acid chlorides. Strong acids. Strong oxidizing agents. Strong reducing agents. Phosphorus halides.
Incompatible materials:	No Data Available
Storage:	Recommended storage temperature 2-8 Degrees Celsius.

## 8. Exposure Controls and Personal Protection:

<b>Exposure Controls</b>	
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, solid at 2-8 degrees Celsius
Appearance/color:	Clear Colorless
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:	Combustible liquid
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
<b>Other information:</b>	No Data Available

## 10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No Data Available
Conditions to avoid:	Hygroscopic. Protect from heat and light.
Incompatible materials:	Acid chlorides. Strong acids. Strong oxidizing agents. Strong reducing agents. Phosphorus halides.
Hazardous decomposition products:	Carbon oxides. Sulfur oxides.

## 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	Not Regulated
UN proper shipping name	Not Regulated
Department of Transportation (DOT)	Not Regulated
Hazard Classes	Not Regulated
Hazard labels (DOT)	Not Regulated
Packing group (DOT)	Not Regulated
Environmental hazards	Not Regulated
Transport in bulk	Not Regulated
Special precautions	Not Regulated

## 15. Regulatory Information:

SARA 311/312: Hazard categories for SARA	Acute Health Hazard
Section 311/312 Reporting	Fire Hazard
Canadian WHMIS Classification	B3 Combustible liquid D2B Toxic materials
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	2021/06/10
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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.

## SAFETY DATA SHEET (SDS)

### 1. Product Identification:

<b>Product Name:</b>	Lysing Buffer
<b>Catalog Number:</b>	0711005
<b>Product ID Number (CAS #)</b>	No Data Available
<b>Intended use of the product:</b>	For research or further manufacturing only.
<b>ZeptoMetrix LLC</b>	
878 Main Street	
Buffalo, New York 14202	
Phone: (716) 882-0920 Fax: (716) 882-0959	
<b>Emergency telephone number:</b>	(716) 882-0920 or 1 (800) 274-5487 (US Toll Free) Monday-Friday 8:15 am- 4:45 pm EST

### 2. Hazard(s) Identification:

<b>Classification of the substance or chemical:</b>	
<b>Classification:</b>	Irritant (skin and eye)
<b>Hazard Pictograms</b>	
<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	Causes serious eye irritation May cause skin irritation Wash hands thoroughly after handling
<b>Precautionary statement:</b>	Wear protective gloves/protective clothing/eye protection/face protection IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
<b>Other hazards:</b>	No Data Available
<b>Unknown acute toxicity:</b>	No Data Available

### 3. Composition/Information on Ingredients:

<u>Component Name</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>Classification</u>
octyl phenol ethoxylate (Triton X-100)	9002-93-1	10%	Irritant
2-Chloroacetamide	79-07-2	0.1%	Irritant

### 4. First Aid/Emergency Measures:

<b>Description of first aid measures</b>	
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.
<b>Most important symptoms and effects, both acute and delayed</b>	
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.
<b>Indication of any immediate medical attention and special treatment needed :</b> 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 2-8 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
Appearance/color:	Blue
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
<b>Other information:</b>	No Data Available

## 10. Stability and Reactivity:

Reactivity:	No Data Available
Chemical stability:	This 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:	May cause skin irritation.
Eye damage/irritation:	May cause eye irritation.
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:

<b>In accordance with IATA Regulations</b>	
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	2021/06/14
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