





SAFETY DATA SHEET (SDS)

Product Name:	Rat IgG ELISA
Catalog Number:	0801009
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


Component Number	Component Description	Hazard Identifications
0701007	Anti-Rat IgG Microplate	None
0701008	Rat IgG Detector Antibody	None
0701010	Rat IgG Standard 125 ng/mL	
0705009	Assay Diluent	
0707002	10X Plate Wash Buffer	
0708003	Stop Solution	
0718003	TMB Substrate	None

SAFETY DATA SHEET (SDS)

1. Product Identification:

Product Name:	Rat IgG Standard 125 ng/ml
Catalog Number:	0701010
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:

Classification of the substance or chemical:	
Classification:	Irritant (skin and eye)
Hazard Pictograms	
Signal word:	Warning
Hazard statements:	Causes serious eye irritation May cause skin irritation Wash hands thoroughly after handling
Precautionary statement:	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
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>
octyl phenol ethoxylate (Triton X-100)	9002-93-1	1%	Irritant
2-Chloroacetamide	79-07-2	0.1%	Irritant

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 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:	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
Other information:	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:

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	2015/04/15
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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:

Product Name:	Assay Diluent
Catalog Number:	0705009
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:

Classification of the substance or chemical:	
Classification:	Irritant (skin and eye)
Hazard Pictograms	
Signal word:	Warning
Hazard statements:	Causes serious eye irritation May cause skin irritation Wash hands thoroughly after handling
Precautionary statement:	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
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>
octyl phenol ethoxylate (Triton X-100)	9002-93-1	1%	Irritant
2-Chloroacetamide	79-07-2	0.1%	Irritant

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 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:	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
Other information:	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:

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	2015/04/15
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The information, data and any recommendations contained herein ("Information") is based upon available information believed by ZeptoMetrix Corporation ("ZMC") to be reliable, however ZMC neither warrants or assumes any liability for the accuracy or completeness of the Information. ZMC 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:

Product Name:	10X Plate Wash Buffer
Catalog Number:	0707002
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:

Classification of the substance or chemical:	
Classification:	Irritant
Hazard Pictograms	
Signal word:	Warning
Hazard statements:	May cause skin irritation
Precautionary statement:	Wash hands thoroughly after handling
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>
2-Chloroacetamide	79-07-2	1%	Irritant

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 2-30 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:	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
Other information:	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:	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	2015/04/15
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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:

Product Name:	Stop Solution
Catalog Number:	0708003
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:

Classification of the substance or chemical:	
Classification:	Corrosive
Hazard Pictograms	
Signal word:	Danger
Hazard statements:	May be corrosive to metals. Causes skin irritation. Causes serious eye damage.
Precautionary statement:	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.
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>
Citric Acid, Monohydrate	5949-29-1	10-50%	Irritant
Hydrochloric Acid	7647-01-0	1-5%	Corrosive

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 2-30 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:	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
Other information:	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	Acute Health Hazard
Section 311/312 Reporting	
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	2015/04/24
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