Material Safety Data Sheet

Mumps IgG ELISA

SECTION 1. IDENTIFICATION OF SUBSTANCES /PREPARATION

Product Name: Mumps IgG ELISA
Catalog No: 1410-1
Synonyms: N/A
Intended Use: Laboratory Use

Mumps IgG Conjugate

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Main hazards: No Significant Hazard
2.2. Label elements
Risk phrases: No Significant Hazard.

SECTION 3: Composition/information on ingredients

SECTION 4: First-aid measures

4.1. Description of first aid measures

Inhalation: May cause irritation to mucous membranes. Move the exposed person to fresh air.

Eye contact: May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact: May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Ingestion: DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture
Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation of the working area.

6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities
2-8 °C. Keep container tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls
8.2.1. Appropriate engineering controls
Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures
Wear protective clothing.

Eye / face protection
In case of splashing, wear: Approved safety goggles.

Skin protection - Hand protection
Latex rubber gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Aqueous Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Off white</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability
Stable under normal conditions.

SECTION 11: Toxicological information

11.1.13. Other information
No known adverse health effects.

SECTION 12: Ecological information

Further information
No known adverse environmental effects.

SECTION 13: Disposal considerations

Further information
Dispose of in compliance with all 'local and national regulations'.

SECTION 14: Transport information

Further information
The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Further information
This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
# Mumps IgM Positive Control

## SECTION 1: Mumps IgG Elisa

## SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

- **Main hazards:** No Significant Hazard
- **Label:** Biohazardous
- **Material Risk phrases:** No Significant Hazard.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

## SECTION 3: Composition/information on ingredients

**Hazardous ingredients:** Biohazardous Material.

## SECTION 4: First aid measures

4.1. Description of first aid measures

| Eye contact | May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. |
| Skin contact | May cause irritation to skin. Wash with soap and water. |
| Ingestion | Flush mouth with water, without swallowing. |
| General information | If you feel unwell, seek medical advice (show the label where possible). |

## SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Wear suitable protective equipment.

6.3. Methods and material for containment and cleaning up

Collect spilled liquid with absorbent material and place in a container for suitable disposal. Clean area thoroughly with disinfectant. Flush down the drain with plenty of water.

## SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle as if capable of transmitting a disease.

7.2. Conditions for safe storage, including any incompatibilities

- 2-8°C.

## SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

- **Individual protection measures:** Wear suitable protective equipment. Handle as if potentially infectious.

| Eye / face protection | Face shield. Safety glasses. |
| Skin protection - | Latex rubber gloves. |
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Off white</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability: Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information: No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity: No data is available on this product.

SECTION 13: Disposal considerations

**General information**

- Dispose of in compliance with all local and national regulations.

**Disposal methods**

- Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste.

**Disposal of packaging**

- Do NOT reuse empty containers.

SECTION 14: Transport information

**Further information:**

- The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

**Further information**

- This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
SECTION 1:

Mumps IgG Elisa

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Main hazards No Significant Hazard
2.2. Label elements
Biohazardous Material.
Risk phrases No Significant Hazard.
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

SECTION 3: Composition/information on ingredients

Hazardous ingredients Biohazardous Material

SECTION 4: First aid measures

4.1. Description of first aid measures

| Eye contact | May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. |
| Skin contact | May cause irritation to skin. Wash with soap and water. |
| Ingestion | Flush mouth with water, without swallowing. |
| General information | If you feel unwell, seek medical advice (show the label where possible). |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| Use extinguishing media appropriate to the surrounding fire conditions. |

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| Wear suitable protective equipment. |

6.3. Methods and material for containment and cleaning up

| Collect spilled liquid with absorbent material and place in a container for suitable disposal. Clean area thoroughly with disinfectant. Flush down the drain with plenty of water. |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| Handle as if capable of transmitting a disease. |

7.2. Conditions for safe storage, including any incompatibilities

| 2 -8 °C. |

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

| Wear suitable protective equipment. Handle as if potentially infectious. |

8.2.2. Individual protection measures

| Face shield. Safety glasses. |

| Latex rubber gloves. |

| Eye / face protection |

| Skin protection - Hand protection |
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Off white</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability: Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information: No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity: No data is available on this product.

SECTION 13: Disposal considerations

General information

| Disposal of in compliance with all local and national regulations. |

Disposal methods

| Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste. |

Disposal of packaging

| Do NOT reuse empty containers. |

SECTION 14: Transport information

Further information

| The product is not classified as dangerous for carriage. |

SECTION 15: Regulatory information

Further information

| This SDS is prepared according to 29 CFR 1910.1200. |

SECTION 16: Other information

Further information

| The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. |
**SECTION 1:**

Mumps IgG Elisa

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

Main hazards

- No Significant Hazard

2.2. Label elements

- Biohazardous Material.

Risk phrases

- No Significant Hazard.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

**SECTION 3: Composition/information on ingredients**

Hazardous ingredients: Biohazardous Material.

**SECTION 4: First aid measures**

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Eye contact</th>
<th>Skin contact</th>
<th>Ingestion</th>
<th>General information</th>
</tr>
</thead>
<tbody>
<tr>
<td>May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open.</td>
<td>May cause irritation to skin. Wash with soap and water.</td>
<td>Flush mouth with water, without swallowing.</td>
<td>If you feel unwell, seek medical advice (show the label where possible).</td>
</tr>
</tbody>
</table>

**SECTION 5: Firefighting measures**

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

- Wear suitable respiratory equipment when necessary.

**SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment.

6.3. Methods and material for containment and cleaning up

Collect spilled liquid with absorbent material and place in a container for suitable disposal. Clean area thoroughly with disinfectant. Flush down the drain with plenty of water.

**SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Handle as if capable of transmitting a disease.

7.2. Conditions for safe storage, including any incompatibilities

- 2-8 °C.

**SECTION 8: Exposure controls/personal protection**

8.2. Exposure controls

8.2.2. Individual protection measures

Wear suitable protective equipment. Handle as if potentially infectious.
### Eye / face protection
- Face shield. Safety glasses.

### Skin protection - Hand protection
- Latex rubber gloves.

### SECTION 9: Physical and chemical properties
#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Off white</td>
</tr>
</tbody>
</table>

### SECTION 10: Stability and reactivity
#### 10.2. Chemical stability:
- Stable under normal conditions.

### SECTION 11: Toxicological information
#### 11.1.4. Toxicological Information:
- No data is available on this product.

### SECTION 12: Ecological information
#### 12.1. Toxicity:
- No data is available on this product.

### SECTION 13: Disposal considerations
#### General information
- Dispose of in compliance with all local and national regulations.

#### Disposal methods
- Disposal should be made in accordance with existing procedures / protocols currently in place at facility for infectious waste.

#### Disposal of packaging
- Do NOT reuse empty containers.

### SECTION 14: Transport information
#### Further information
- The product is not classified as dangerous for carriage.

### SECTION 15: Regulatory information
#### Further information
- This SDS is prepared according to 29 CFR 1910.1200.

### SECTION 16: Other information
#### Further information
- The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
SECTION 1: Mumps IgG Elisa

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture
Main hazards No Significant Hazard
2.2. Label elements
Risk phrases No Significant Hazard.

SECTION 3: Composition/information on ingredients
Description: Non Hazardous

SECTION 4: First aid measures
4.1. Description of first aid measures
<table>
<thead>
<tr>
<th>Inhalation</th>
<th>May cause irritation to mucous membranes. Move the exposed person to fresh air.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>DO NOT INDUCE VOMITING. May cause irritation to mucous membranes. Seek medical attention if irritation or symptoms persist.</td>
</tr>
</tbody>
</table>

SECTION 5: Firefighting measures
5.1. Extinguishing media
Use extinguishing media appropriate to the surrounding fire conditions.
5.2. Special hazards arising from the substance or mixture
Burning produces irritating, toxic and obnoxious fumes.
5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation of the working area.
6.2. Environmental precautions
Do not allow product to enter drains.
6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Clean spillage are thoroughly with plenty of water. Transfer to suitable, labeled containers for disposal.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Avoid contact with eyes and skin.
7.2. Conditions for safe storage, including any incompatibilities
SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection

In case of splashing, Wear Eye protection.

Skin protection - Hand protection

Latex rubber gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aqueous Solution
Color: Green

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological information

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Further information

No data is available on this product.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Further information

This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Mumps IgG Wash Buffer Type I

SECTION 1: Mumps IgG Elisa

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Main hazards: No Significant Hazard

2.2. Label elements
Risk phrases: No Significant Hazard.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
67/548/EEC/1999/45/EC

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%/w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trizma HCL</td>
<td></td>
<td>11875-53-1</td>
<td>214-684-5</td>
<td></td>
<td>1 - 10%</td>
<td>Xr, R65/37/38</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
May cause irritation to mucous membranes. Move the exposed person to fresh air.

Eye contact
May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Ingestion
May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

Skin contact
May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture
Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation of the working area.

6.2. Environmental precautions
Do not allow product to enter drains.

6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep container tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection

In case of slashing, Eye protection

Skin protection - Hand protection

Latex rubber gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Blue</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Further information

No known adverse environmental effects.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Further information

This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

Text of risk phrases in Section 3

R36/37/38- Irritating to eyes, respiratory system and skin.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for any other product.
# Mumps IgG Substrate Solution

## SECTION 1:

**Mumps IgG**

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

| Main hazards | No Significant Hazard |

### 2.2. Label elements

| Risk phrases | No Significant Hazard |

## SECTION 3: Composition/information on ingredients

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Move the exposed person to fresh air.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Remove contaminated clothing. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.</td>
</tr>
</tbody>
</table>

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide (CO2). Foam. Water spray.

### 5.3. Advice for firefighters

Self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment.

### 6.3. Methods and material for containment and cleaning up

Transfer to suitable, labeled containers for disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Wear protective clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

2-8°C.

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering Controls

Ensure adequate ventilation of the working area.

#### 8.2.2. Individual protection measures

Wear protective clothing.
Eye / face protection
Safety glasses.

Skin protection
Latex rubber gloves. Protective clothing.

Respiratory protection
Use in a well ventilated area.

8.2.3. Environmental exposure controls
Do not eat, drink or smoke in areas where this product is used or stored.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Aqueous solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Boiling point</td>
<td>100</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability
Stable under normal conditions.

10.4. Conditions to avoid
Heat, sparks and open flames.

SECTION 11: Toxicological information

11.1.4. Toxicological Information
When used and handled according to the specifications, the solution does not have a toxicological effect.

SECTION 12: Ecological information

Further information
No data is available on this product.

SECTION 13: Disposal considerations

General information
Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information
The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Further information: This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

Further information
The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Mumps IgG Stop Solution

SECTION 1:
Mumps IgG Elisa

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture
Main hazards No Significant Hazard
2.2. Label elements
Risk phrases No Significant Hazard.

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures
4.1. Description of first aid measures
Inhalation
Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Irritating to respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion
DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

Eye contact
Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact
Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

General information
First aid measure given apply to concentrated solutions. Exposure to dilute solutions may not require these extensive first aid procedures.

SECTION 5: Firefighting measures
5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture.
Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2 Environmental precautions
Do not allow product to enter drains.

6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities
SECTION 8: Exposure controls/personal protection

| 8.2. Exposure controls                                      | Ensure adequate ventilation of the working area. |
| 8.2.1. Appropriate engineering controls                     | Wear chemical protective clothing.                |
| 8.2.2. Individual protection measures                        | Approved safety goggles.                          |
| Eye / face protection                                         | Chemical resistant gloves (PVC).                  |
| Skin protection -                                            | Wear suitable respiratory equipment when necessary. |
| Hand protection                                              |                                               |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Aqueous solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Boiling point</td>
<td>100</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.4. Toxicological Information

When used and handled according to the specifications, the solution does not have a toxicological effect.

SECTION 12: Ecological information

Mobility in soil

When released into soil, this material may leach into groundwater.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Further information: This SDS is prepared according to 29 CFR 1910.1200.

SECTION 16: Other information

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Quality Control
Diagnostic Automation/Cortez Diagnostics INC.
DAI code # 1410-1
Revision Date: 11-11-2014