Material Safety Data Sheet

Measles IgG

IDENTIFICATION OF THE PREPARATION AND COMPANY NAME.

Product Name: Measles IgG
Catalog No: 1408-1
Synonyms: N/A
Intended Use: Laboratory Use

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Main hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Significant Hazard</td>
</tr>
</tbody>
</table>

2.2. Label elements

<table>
<thead>
<tr>
<th>Risk phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Significant Hazard.</td>
</tr>
</tbody>
</table>

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>May cause irritation to mucous membranes. Move the exposed person to fresh air.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eye contact</th>
</tr>
</thead>
<tbody>
<tr>
<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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skin contact</th>
</tr>
</thead>
<tbody>
<tr>
<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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. 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. |

6.3. 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

- Store at temperatures between 2°C and 8°C.
- Keep container tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labeled containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.2.1. Appropriate engineering controls</td>
<td>Ensure adequate ventilation of the working area.</td>
</tr>
<tr>
<td>8.2.2. Individual protection measures</td>
<td>Wear protective clothing.</td>
</tr>
<tr>
<td>Eye / face protection</td>
<td>In case of splashing, wear: Approved safety goggles.</td>
</tr>
<tr>
<td>Skin protection - Handprotection</td>
<td>Latex rubber gloves.</td>
</tr>
</tbody>
</table>

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- State: Liquid
- Color: Off white

SECTION 10: Stability and reactivity

10.2. Chemical stability

- Stable under normal conditions.

SECTION 11: Toxicological information

11.13. 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

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.
Measles IgG Positive Control

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| Main hazards                  | No Significant Hazard |

2.2. Label elements

| Risk phrases                  | Biohazardous Material. |

| Risk phrases                  | 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

| Store at temperatures between 2°C and 8°C. Keep containers tightly closed. Store in correctly labeled containers. |

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 |
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>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

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Measles IgG Calibrator

SECTION 1:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Main hazards</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

2.2. Label elements


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

Store at temperatures between 2-8 °C.
SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.2. Individual protection measures

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye / face protection</td>
<td>Face shield. Safety glasses. Skin</td>
</tr>
<tr>
<td>Skin protection - Hand protection</td>
<td>Latex rubber gloves.</td>
</tr>
</tbody>
</table>

SECTIONS 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:

SECTION 2: Hazards identification:

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Main hazards</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

2.2. Label elements

<table>
<thead>
<tr>
<th>Material. Risk phrases</th>
<th>Biohazardous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk phrases</td>
<td>No Significant Hazard</td>
</tr>
<tr>
<td>R20/21/22</td>
<td>Harmful by inhalation, in contact with skin and if swallowed.</td>
</tr>
</tbody>
</table>

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

| Store at temperatures between 2-8 °C. Keep containers tightly closed. Store in correctly labeled containers. |

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 |
| Skin protection               | Latex rubber gloves. |
Handprotection

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

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# Measles IgG Serum Diluent Type II

## SECTION 1:

## SECTION 2: Hazards identification

<table>
<thead>
<tr>
<th>Main hazards</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

### 2.2. Label elements:

<table>
<thead>
<tr>
<th>Risk phrases</th>
<th>No Significant Hazard.</th>
</tr>
</thead>
</table>

## SECTION 3: Composition/information on ingredients

Description: Non Hazardous.

## SECTION 4: 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>May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. 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 area 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

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labeled containers.
SECTION 8: Exposure controls/personal protection

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
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>
<th>Aqueous solution</th>
<th>Green</th>
</tr>
</thead>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability: Stable under normal conditions.

SECTION 11: Toxicological information

Further 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

Revision:
This document differs from the previous version in the following areas:
7–7.2. Conditions for safe storage, including any incompatibilities.

Further information
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Measles IgG Wash Buffer Type 1

SECTION 1: 

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 / 1999/45EC

<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>1185-53-1</td>
<td>214-684-5</td>
<td></td>
<td></td>
<td>Xi, R36/37/38</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.

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: May cause irritation to mucous membranes. 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.

6.2. 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
Store at temperature between 2º and 8ºC. 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 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

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

SECTION 10: Stability and reactivity

10.2. Chemical stability
Stable under normal conditions.

SECTION 11: Toxicological information

11.1.3. Other 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

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Measles IgG Substrate Solution

SECTION 1:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Main hazards</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

2.2. Label elements

<table>
<thead>
<tr>
<th>Risk phrases</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

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. Wash off immediately with plenty of soap and water. 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

Store at temperatures between 2-8 °C. Keep containers 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

Safety glasses.
Skin protection - Latex rubber gloves, Protective clothing.
Hand protection
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>Color</th>
<th>Boiling point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aqueous solution</td>
<td>Clear</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
Revision:
This document differs from the previous version in the following areas:
7 – 7.2. Conditions for safe storage, including any incompatibilities.

General information
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Main hazards</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

2.2. Label elements

<table>
<thead>
<tr>
<th>Risk phrases</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

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>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>Irritating 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>Irritating 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>symptoms DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting. Seek medical attention if irritation or persist.</td>
</tr>
</tbody>
</table>

General information

First aid measures 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

| Extinguishing media | Dry chemical. Foam. Water. Carbon dioxide (CO2). |

5.2. Special hazards arising from the substance or mixture

| Special hazards | Burning produces irritating, toxic and obnoxious fumes. |

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| Personal precautions | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

| Methods and material | 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

| 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

Store at temperatures between 2-8°C and 8 ºC. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

### SECTION 8: Exposure controls/personal protection

#### 8.2. Exposure controls

<table>
<thead>
<tr>
<th>Control Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.2.1. Appropriate engineering controls</td>
<td>Ensure adequate ventilation of the working area.</td>
</tr>
<tr>
<td>8.2.2. Individual protection measures</td>
<td>Wear chemical protective clothing.</td>
</tr>
<tr>
<td>Eye / face protection</td>
<td>Approved safety goggles.</td>
</tr>
<tr>
<td>Skin protection - Hand protection</td>
<td>Chemical resistant gloves (PVC).</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Wear suitable respiratory equipment when necessary.</td>
</tr>
</tbody>
</table>

### SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>Aqueous solution</td>
</tr>
<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

**11.1.4. Toxicological Information**

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

### SECTION 12: Ecological information

**12.4. 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.
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