1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product name: YSI 6573 Free Chlorine Probe Solution
Synonyms: None
Chemical Characterization: Inorganic Salt
Manufacturer, Importer, Supplier: YSI Inc.
1725 Brannum Lane
Yellow Springs, OH 45387

EMERGENCY TELEPHONE NUMBER: (937) 767-7241

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS</th>
<th>Chemical Name</th>
<th>% Weight</th>
<th>ACGI H TWA</th>
<th>Acute Toxicity</th>
<th>IARC*</th>
<th>NTP*</th>
<th>OSHA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>7447-40-7</td>
<td>Potassium chloride</td>
<td>100</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* IARC - Group 1 (Carcinogenic to humans)
* NTP - Report on Carcinogens - Known Carcinogens
* OSHA - Regulated Carcinogens

3. HAZARDS IDENTIFICATION

Emergency Overview
Add emergency overview text here.

Eye Contact:
- Contact with eyes may cause irritation.

Skin Contact:
- Exposure can cause skin irritation.

Inhalation:
- Inhalation of dust from this product may cause respiratory irritation.

Ingestion:
- Ingestion may cause irritation of mouth, throat, and upset stomach.

General Advice:
- As with any chemical, use caution when handling.

Principle Routes of Exposure:
- Eyes, absorption, inhalation, and ingestion

4. FIRST AID MEASURES

General Advice:
- If exposure symptoms persist, seek medical attention.

Skin Contact:
- Wash exposed areas with soap and water for 15 minutes.
- Remove contaminated clothing and wash them before wearing again.
- If skin irritation persists, seek medical attention.

Eye Contact:
- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- If eye irritation persists, seek medical attention.

Inhalation:
- Move to fresh air.
- If breathing is difficult, give oxygen.
- If exposure symptoms persist, seek medical attention.

Ingestion:
- Do not swallow. Rinse mouth with water and afterwards drink plenty of water.
- If symptoms persist, seek prompt medical attention.

Notes to Physician:
- Treat symptomatically.

Protection of First-Aiders:
- Use necessary personal protective equipment.

Aggravated Medical Conditions:
- Users with skin conditions (eczema, psoriasis, etc.) respiratory conditions (asthma, bronchitis, emphysema, etc.), or chemical sensitivities should take protective precautions.
### 5. FIRE-FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable Extinguishing Media</td>
<td>Not applicable to this product</td>
</tr>
<tr>
<td>Extinguishing media which must not be used for safety reasons</td>
<td>None</td>
</tr>
</tbody>
</table>

**Specific Hazards**

- Special exposure hazards rising from the substance or preparation itself, its combustion products, or released gases: None
- Special protective equipment for firefighters: None

**Specific Methods**

- NFPA (National Fire Protection Association): Health=1 (slight) Reactivity=0 Fire=0 Special=0 (none)
- HMIS (Hazardous Material Information System): Health=1 (slight) Reactivity=0 Fire=0 Special=0 (none)

### 6. ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th>Personal precautions</th>
<th>Ensure adequate ventilation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental precautions</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**Methods for cleaning up**

- Wear personal protective equipment
- Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container
- After cleaning, flush away traces with water.

### 7. HANDLING AND STORAGE

**Handling**

- Technical Measures / Precautions: As a rule, at least 10 air changes per hour are recommended at the workplace.
- Safe Handling Advice: Avoid contact with skin and eyes. Wash hands immediately after contact to avoid hand-eye transfer.

**Storage**

- Technical Measures / Precautions: Keep in properly labeled containers
- Keep containers tightly closed: discard any material that may be contaminated or, which may have changed composition.
- Incompatible Products: Avoid strong acids, oxidizing agents
- Specific use(s): Light protection clothing

**Hygiene measures**

- Handle in accordance with good industrial hygiene and safety practice
- Keep away from food, drink and animal feeding material

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures**

- Ensure adequate ventilation especially in confined areas
- Ensure eyewash station is readily available

**Personal protective equipment**

- **Hand Protection**: Wear appropriate protective gloves
- **Eye protection**: Avoid contact with eyes
- **Respiratory Protection**: Ensure adequate ventilation is available before handling any chemical
- **Skin and Body Protection**: Lightweight protective clothing
- **Hygiene measures**: Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls

- No information available

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### General Information

- **Form**: Solid
- **Appearance**: White powder
- **Odor**: None

#### Important Health Safety and Environmental Information

- **pH**: 6.5 to 7.5
- **Boiling Point / Range**: No information available
- **Flash Point**: Not applicable
- **Vapor Pressure**: Not applicable
- **Vapor Density**: Not applicable
- **Water Solubility**: Infinitely soluble
- **Specific Gravity**: 770 C
- **Melting Point**:

### 10. STABILITY AND REACTIVITY

- **Stability**: Stable under normal conditions.
- **Materials to Avoid**: Strong acids and oxidizing agents
- **Hazardous Decomposition Products**: None
- **Polymerization**: Polymerization does not occur

### 11. TOXICOLOGICAL INFORMATION

#### Local Effects

- **Skin Irritation**: May cause skin irritation in susceptible persons.
- **Eye Irritation**: Dust may cause eye irritation
- **Inhalation**: Inhalation of dust may cause irritation of respiratory tissue.
- **Ingestion**: No effects expected from normal use and minor amounts ingested. Ingestion of large amounts (over 1 tablespoon) may cause digestive system upset
- **Sensitization**: Not a sensitizer.
- **Chronic Toxicity**: No information available

#### Specific Effects

- **Carcinogenic Effects**: No information available
- **Mutagenic Effects**: No information available
- **Reproductive Toxicity**: No information available
- **Target Organ Effects**: No information available

### 12. ECOLOGICAL INFORMATION

#### Aquatic Toxicity

- No information available.

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**Component information**

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<th>Chemical Name</th>
<th>% Weight</th>
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* ACGIH - Occupational Exposure Limits - TWA's
Other Information

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ozone Depletion Potential; ODP; (R-11=1)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Global Warming Potential (GWP)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Additional Ecological Information</td>
<td>No information available.</td>
</tr>
<tr>
<td>Mobility</td>
<td>No information available.</td>
</tr>
<tr>
<td>Bioaccumulative Potential</td>
<td>No information available.</td>
</tr>
<tr>
<td>Ecotoxicity Effects</td>
<td>No information available.</td>
</tr>
<tr>
<td>Aquatic Toxicity</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

| Waste From Residues / Unused Products | Dispose of in accordance with local and national regulations |
| Contaminated Packaging                | Empty containers should be rinsed and disposed of as appropriate for glass and plastic containers. |

14. TRANSPORT INFORMATION

| DOT | Not regulated |

15. REGULATORY INFORMATION

U.S. Inventories

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* ACGIH - Occupational Exposure Limits - TWA's

International Inventories

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</table>

* EUOED - EU Occupational Exposure Directive (98/24/EC) Indicative Occupational Exposure Limit Values (IOELV)

16. OTHER INFORMATION

| Literary Reference | None. |
| Prepared By        | YSI, Inc. |

End of Safety Data Sheet.