SECTION 1 PRODUCT IDENTIFICATION
Chemical Name & Synonyms: Potassium Chloride Solution
Family: Inorganic Salt
Trade Name & Synonyms: Conductivity Standard
Formula: Aqueous Solution

SECTION 2 INGREDIENTS/COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>99.95%*</td>
</tr>
<tr>
<td>Potassium Chloride</td>
<td>7447-40-7</td>
<td>0.05%*</td>
</tr>
</tbody>
</table>

*Concentrations are approximate.
No ACGIH TLV or OSHA PEL values have been established.

SECTION 3 PHYSICAL DATA
Boiling Point: 100°C
Specific Gravity (H₂O = 1.0): 10
Percent Volatile By Volume: 99%
Appearance and Color: Clear, odorless solution

SECTION 4 FIRE AND EXPLOSION HAZARD DATA
Flash Point (Method): Non-flammable
Flammable Limits LEL: N/A UEL: N/A
Extinguishing Media: Any media suitable for extinguishing the supporting fire.
Special Fire Fighting Procedures: In case of fire wear full protective clothing and NIOSH-approved self-contained breathing apparatus, full face piece operated in positive pressure mode.
Unusual Fire and Explosion Hazards: Not considered an explosive hazard.

SECTION 5 REACTIVITY DATA
Stability: Stable
Conditions To Avoid: None
Incompatibility: No information found
Hazardous Decomposition Products: No information found
Hazardous Polymerization will not occur.

SECTION 6 HEALTH HAZARD DATA
Threshold Limit Value: No information available.
Toxicity: Potassium Chloride Oral – rat LD₅₀: 3020 mg/kg
Effects of Overexposure: Data not available.
Inhalation: Data not available.
Skin Contact: May cause mild irritation.
Chronic Effect: Not established.
Eye Contact: May cause mild irritation.
Carcinogenicity: Not listed as cancer causing agent by IARC, NTP, or OSHA.
Emergency First Aid Procedures:
GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE OR IF ANY ADVERSE EFFECTS SHOULD DEVELOP.
Skin: Wash with mild soap and water.
Eye Contact: Immediately flush with cool running water for at least 15 minutes.
Inhalation: Remove to fresh air, give artificial respiration if breathing has stopped.
Ingestion: Give several glasses of water to dilute.
Medical Condition Aggravated By Exposure: Any person with pre-disposition to sensitivity may be more susceptible to substance effects.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE
Handling and Storage: Keep bottles upright and tightly capped in dimly lit area.
Other Precautions: Avoid contact with eyes.
DOT: No restrictions.
Spill Response: Evacuate the area of all unnecessary personnel. Wear gloves and goggles (See Special Protection Information Section). Contains the release and eliminate its source, if this can be done without risk. Soak up spill with disposable toweling. Dispose of per local, state and federal regulations. May dispose in drains with water in compliance with all current local, state, and federal regulations. Comply with all local, state, and federal regulations on reporting releases.

SECTION 8 SPECIAL PROTECTION INFORMATION
Material should be handled or transferred in an approved fume hood or with adequate ventilation.
Protective Gloves: Natural rubber, Neoprene, PVC or equivalent.
Eye Protection: Goggles or Safety glasses with side shields should be worn.
Work/Hygienic Practices: Wash offer handling.
Do not take internally.
Eye bath and safety equipment should be readily available.

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