**SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY**

PASCO Item #(s) and Description(s): PASCO# 699-195  PH ELECTRODE XL RNG 0-12  
Chemicals Contained: Potassium Chloride Solution  
Intended use of the chemicals: pH/ORP Combination Electrode Soaking Solution  
Supplier Name: Shanghai SAN-XIN Instrumentation Inc.  

3F, Building No. 471 Guiping Road  
Tel: (86-21)63362480  
Fax: (86-21)64956880  

sanxin@shsan-xin.com

**SECTION 2: HAZARD IDENTIFICATION**

Non-hazardous product as specified in Directives 67/548/EEC  
Non-hazardous product as specified in OSHA regulation 29 CFR 1910.1200

**SECTION 3: COMPOSITION AND COMPONENT INFORMATION**

<table>
<thead>
<tr>
<th>%</th>
<th>CHEMICAL NAME(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30%</td>
<td>Potassium Chloride</td>
</tr>
<tr>
<td>70%</td>
<td>Water</td>
</tr>
</tbody>
</table>

**SECTION 4: FIRST AID MEASURES**

After Inhalation: Remove to fresh air. Call a physician if breathing becomes difficult.  
After Skin Contact: Wash affected area with water and soap  
After Eye Contact: Rinse out with plenty of water for at least 15 minutes. If pain persists, summon medical advice.  
After Swallowing: Wash out mouth with plenty of water, provided person is conscious. Obtain medical attention if feeling unwell.

**SECTION 5: FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media: Water Spray, Foam, Dry Powder, Carbon Dioxide  
Special Risks: Non-combustible. Development of hazardous combustion gases or vapors possible in the event of fire.  
Special Protective Equipment: Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal precautions: None  
Environmental Precautions: None  
Additional Notes: None
SECTION 7: HANDLING AND STORAGE

Handling: No Restrictions
Storage: Keep container closed and protected from direct sunlight. Store at room temperature (+15 to +25 ).

SECTION 8: EXPOSURE CONTROL/PERSOHNAL PROTECTION

Engineering: Maintain general industrial hygiene practice.
Personal Protective Equipment: As appropriate to quantity handled.
Respiratory Protection: Required when vapors/aerosols are generated.
Protective Gloves: Rubber or plastic
Eye Protection: Goggles or face mask
Industrial Hygiene: Change contaminated clothing. Wash hands after working with substance.

SECTION 9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless liquid
Odor: Odorless
Specific Gravity: 1.00
Melting Point: NA
Boling point: >100
Solubility: Soluble
pH: 5.5-8
Explosion Limit: NA
Flash Point: NA
Thermal Decomp.: NA

SECTION 10: STABILITY AND REACTIVITY

Conditions to be avoided: Heating
Hazardous Decomposition Products: See section 5.
Hazardous Polymerization: Will not occur
Substances to be avoided: The generally known reaction partners of water
Further Information: Not available

SECTION 11: TOXICOLOGICAL INFORMATION

Product Toxicity
Quantitative data on the toxicity of this product is not available
Potential Health Effects:
Further Data: Hazardous properties can’t be excluded, but are relatively because of the low concentration of the dissolved substances, when the product is handled appropriately. The product should be handled with the usual care when dealing with chemicals.

Component Toxicity
Acute Toxicity: Not Available  Chronic Toxicity: Not Available  Additional Data: Not Available

SECTION 12: ECOLOGICAL INFORMATION

Quantitative data on the ecological effect of the product is not available.
Further Data: No ecological problems are to be expected when the product is handled and used with due care and attention.

SECTION 13: DISPOSAL CONSIDERATIONS
Safety Data Sheet
According to the rules for safety data sheet of
the Global Harmonized System (GHS)
Revision Date: 02/28/2015

Waste Disposal: Can be safely disposed of as ordinary refuse.

SECTION 14: TRANSPORTATION INFORMATION
Land: Not subject to transport regulations
Air: Not subject to transport regulations
Sea: Not subject to transport regulations

SECTION 15: REGULATORY INFORMATION
Labeling according to the rules for the safety data sheet of the Global Harmonized System (GHS)
Non-hazardous according to EC Directives 67/548/EEC

SECTION 16: OTHER INFORMATION
Revision Date: 02/28/2015
Supersedes edition of: MSDS Sheet
Reason for revision: OSHA has set deadlines (by 06/01/2015) for the implementation of the newly required SDS (Safety Data Sheets) replacing the old MSDS (Material Safety Data Sheets).

THE INFORMATION CONTAINED HERIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT.