SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY

PASCO Item # 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 Shanghai China 200233
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°C).

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

Engineering: Maintain general industrial hygiene practice.
Personal Productive 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
Boiling 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**
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 HEREIN 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.