

**Conductivity Calibration Solution AS1413**  
**Health & Safety Data Sheets**

**SECTION 1 – IDENTIFICATION OF PREPARATION**

**Product Name:** > 1413 Standard Solution  
**Code No:** >AS1413

**Application:**  
> Conductivity calibration solution

**Manufacturer:** Aquarius Technologies Pty Ltd  
**Address:** 1/23 Richland Avenue  
Coopers Plains Qld 4108  
Australia

**SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Characterization:** >Solution in water  
**Chemical Composition:** >Potassium chloride: <5.0%

**SECTION 3 – HAZARD IDENTIFICATION**

N/A

**SECTION 4 – FIRST AID MEASURES**

**Eye Contact:**  
>Irrigate thoroughly with water. If discomfort persists obtain medical attention.

**Inhalation:**  
>N/A

**Ingestion:**  
>Wash out mouth thoroughly with water  
In severe cases obtain medical attention

**Skin Contact:**  
>Wash off thoroughly with soap and water.

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## SECTION 5 – FIRE FIGHTING MEASURES

**Special Risks:**

>N/A

**Fire Extinguisher:**

>N/A

**Special Fire Precautions:**

>None

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**In Case Of Accidental Spill Or Release:**

>Wear appropriate protective clothing

>If local regulations permit, mop up cautiously with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site thoroughly with detergent and water.

## SECTION 7 – HANDLING & STORAGE

**Handling:**

>Do not eat or drink while handling this material

>Wash hands and face after working with this material

**Storage:**

>Store at room temperature (@15-25°C)

>Protect from direct sunlight

>Keep container well closed

>Keep away from children

## SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

As appropriate to quantity handled

**Respiratory Protection:**

>Not applicable

**Protective Gloves:**

>Rubber or Plastic

**Eye Protection:**

>Goggles or face shield

## SECTION 9 – PHYSICAL/CHEMICAL PROPERTIES

**Appearance & Odour:**

>Clear and colourless liquid

>Odourless

**Water Reactivity:**

>Non-reactive

**Solubility in Water:**

>Miscible in any proportion

**Melting Point:**

>N/A

**Boiling Point:**

>100°C

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## SECTION 10 – STABILITY AND REACTIVITY

### **Stability:**

>Stable

## SECTION 11 – TOXICOLOGICAL INFORMATION

### **In Case of Ingestion:**

>After ingestion of large amounts: nausea, vomiting cardiac dysrhythmia, cardiovascular failure. However, when handled properly, hazardous effects are unlikely to occur

### **Further Data:**

LD50 (oral-rat) = N/A

NO evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

## SECTION 12 – ECOLOGICAL INFORMATION

>No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

## SECTION 13 – DISPOSAL CONSIDERATIONS

### **Waste Disposal:**

>In compliance with current regulations

>Chemical residues are generally classified as special waste and thus covered by local regulations. Contact authorities or disposal companies for advice.

>Wash empty containers before recycling

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