



AUSTRALIAN CHEMICAL REAGENTS  
**SAFETY DATA SHEET**

Date Prepared: November 2016  
Version No: 5

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Conductivity Standard  
Product Code: Various  
Other Names: 122320 Conductivity Standard, 150 uS/cm, 200mL  
122314 Conductivity Standard, 150 uS/cm, 1L  
122325 Conductivity Standard, 1413 uS/cm, 200mL  
122326 Conductivity Standard, 1413 uS/cm, 1L  
122315 Conductivity Standard, 58.0 mS/cm, 200mL  
122316 Conductivity Standard, 58.0 mS/cm, 1 Litre  
122323 Custom Conductivity Standard, 200 mL (made with KCl)  
122310 Custom Conductivity Standard, 1 L (made with KCl)  
122317 Custom Conductivity Standard, 5 L (made with KCl)  
122318 Custom Conductivity Standard, 10 L (made with KCl)  
122319 Custom Conductivity Standard, 25 L (made with KCl)

Uses: Analytical Reagent

Supplier: Australian Chemical Reagents  
38-50 Bedford Street Gillman SA 5013

Contacts: Telephone: 61 08 84402000  
Fax: 61 08 84402001  
Emergency Phone: 61 08 84402000 Mon – Fri 8:30am – 5:00pm

## 2. HAZARDS INFORMATION

**Hazard classification:** Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Ingredients :

Chemical Entity	CAS No	Proportion
Potassium chloride	[7447-40-7]	0.2%
Water	[7732-18-5]	to 100%

## 4. FIRST AID MEASURES

Safety showers and eye wash facilities should be provided.

**Swallowed :** If conscious wash out mouth with water. Seek medical advice. Show this SDS to medical practitioner.

**Eye :** Immediately hold eyelids open and flood with water for at least 15 minutes. Obtain medical aid. Show this SDS to medical practitioner.

**Skin :** Remove contaminated clothing. Immediately wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Show this SDS to medical practitioner. Launder clothing before reuse.

**Inhaled :** Remove from contaminated air. Maintain breathing with artificial respiration if necessary. Seek medical assistance.

Show this SDS to a doctor.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Hazards From Combustion Products:** Solution will not burn or support combustion.

**Precautions For Fire Fighters and Special Protective Equipment:**

Fire fighters and others who may be exposed to combustion products during fire should wear full protective clothing including positive pressure self- contained breathing apparatus (SCBA). Wear SCBA with full face-piece, operated in positive pressure mode when fighting fires.

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## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency procedures:

Prevent from entering waterways. Restrict access to area. Ventilate area.

### Methods and materials for containment and clean up:

Use inert material such as sand or earth to contain spill or leak. Absorb spills with chemical absorber or vermiculite and dispose of in accordance with local regulations.

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## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling:

Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

### Conditions for Safe Storage:

Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Observe good hygiene and housekeeping practices.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### National Exposure

**Standards:** SWA – None

known

**Biological Limit Values:** No data available.

### Engineering Controls:

Not required with normal use

### Personal Protective Equipment (PPE):

The use of nitrile or neoprene gloves complying with AS 2161 and the use of faceshield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance :</b>	Clear liquid
<b>Odour:</b>	Nil
<b>pH:</b>	7
<b>Boiling Point (°C) :</b>	100
<b>Freezing/melting Point:</b>	Not applicable
<b>Vapour Pressure (mm of Hg @ 25°C) :</b>	Not applicable
<b>Vapour Density:</b>	Not applicable
<b>Specific Gravity :</b>	1.2
<b>Flash Point (°C) :</b>	Not flammable
<b>Flammability Limits (%) :</b>	Not flammable
<b>Solubility in Water (g/L) :</b>	Soluble

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## 10. STABILITY AND REACTIVITY

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### Chemical stability:

Stable.

### Conditions to avoid:

Excessive heat.

### Incompatible materials:

Nil

**Hazardous decomposition products:**

Refer to section 5 (Fire Fighting Measures).

**Hazardous reactions:**

Hazardous polymerization will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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**Health Effects:**

**Swallowed** : May be irritating to tissue. Ingestion may cause vomiting, cramps, diarrhoea. Ingestion of large quantities may cause heart condition due to high potassium level.

**Eye** : Irritating to eye tissue.

**Skin** : May be irritating to skin tissue.

**Inhaled** : May be irritating to respiratory tissue.

**Chronic Effects**: No data available.

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**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity:**

No data available.

**Persistence and degradability:**

No data available.

**Mobility:**

No data available.

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**13. DISPOSAL CONSIDERATIONS**

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Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

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**14. TRANSPORT INFORMATION**

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**UN Number**: Not applicable

**UN Proper Shipping Name**: Not applicable

**Class and subsidiary risk(s)**: Not applicable

**Packing Group**: Not applicable

**Hazchem Code**: Not applicable

**Special precautions for user** : Nil

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**15. REGULATORY INFORMATION**

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**Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP):**

Nil

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**16. OTHER INFORMATION**

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