

## PEB214 - KCL Electrode Filling Solution – SAFETY DATA SHEET

**Product** KCL Electrode Filling Solution 4M KCL, SAT, AgCl  
**Version** Version 1a  
**Date** 09-09-2015  
**Supersedes** C1 16/10/2002

### Section 1.0: Identification of the substance/ preparation and of the Company/ undertaking

**Product Identifier:** Potassium Chloride, Silver Chloride, Tylose, water

**Other means of Identification:** PEB214, 551-63

**Trade name & Synonyms:** Electrode Filling Partial Gel

**Chemical Family:** Aqueous Salt Solution

**Formula:** See below

**Uses:** P14 Electrode

#### Details of the supplier of the Safety Data Sheet

**Company Name:** Klipspringer Ltd

**Address:** Raynor House  
Farthing Road  
Ipswich  
Suffolk  
IP1 5AP

**Telephone:** +44 (0)1473 461800  
**Fax:** +44 (0)1473 747200  
**Email:** Sales@klipspringer.com  
**Website:** www.Klipspringer.com

### Section 2.0: Ingredients

#### 2.1 Ingredient List

Potassium Chloride	30%
Silver Chloride	<0.1%
Tylose	5%
Water	

Date of issue	09-09-2015	Revision No.	1a	Issued by	S. Britton
Supersedes: Version12: dated 16-10-2002		Document No.	DSS-S001	Page 1 of 3	

### Section 3.0: Physical and Chemical Data

<b>Boiling Point (Deg C)</b>	104
<b>Vapour Pressure (mmHg) @ 20°C</b>	24
<b>Vapour Density (Air=1)</b>	0.5
<b>Specific Gravity (H<sub>2</sub>O= 1)</b>	1.2
<b>% Volatile by volume</b>	70
<b>Evaporation Rate (H<sub>2</sub>O=1)</b>	
<b>Solubility in Water</b>	Aqueous solution
<b>Appearance</b>	Colourless solution, few white crystals may be present
<b>Odour</b>	None

### Section 4.0: Fire and Explosion Data

<b>Flammable Limits (%)</b>	Not Applicable
<b>-LEL</b>	Not Applicable
<b>-UEL</b>	Not Applicable
<b>Flash Point (Method used)</b>	Not Applicable
<b>Extinguishing Media</b>	Not Applicable
<b>Special Fire-Fighting Procedures</b>	Not Applicable
<b>Unusual Fire % explosion hazards</b>	Not Applicable

### Section 5.0: Health Hazard Data

<b>Route of Entry</b>	Primary route of entry is ingestion
<b>Carcinogenic Assessment</b>	This material has not been identified as a known or suspect carcinogen By NTP, IARC or OSHA.
<b>Threshold Limit Value</b>	0.01/MG/M3
<b>Effects of Overexposure</b>	Large does by mouth can cause GI irritation, purging, weakness and circulatory disturbances, consult Physician
<b>Emergency &amp; Fire Aid Procedures</b>	Consult Physician

### Section 6.0: Reactivity Data

<b>Stability</b>	Stable
<b>Incompatibility (Materials to avoid)</b>	None
<b>Hazardous Decomposition Products</b>	None
<b>Hazardous Polymerization</b>	Will not occur

Date of issue	09-09-2015	Revision No.	1a	Issued by	S. Britton
Supersedes: Version12: dated 16-10-2002		Document No.	DSS-S001	Page 2 of 3	

## Section 7.0: Spill or Leak Procedure

<b>Steps to be taken in case material Is released or spilt</b>	Clean up spills with absorbent material, flush with water.
<b>Waste Disposal Methods</b>	Ensure compliance with Local, State and Federal Regulations

## Section 8.0: Special Protection Information

<b>Respiratory Protection</b>	Not required
<b>Ventilation</b>	No special requirements
<b>Protection Gloves</b>	Not required
<b>Eye protection</b>	Safety glasses suggested
<b>Other protective equipment</b>	None

## Section 9.0: Special Precautions

<b>Precautions to be taken in handling And storage</b>	No special requirements
<b>Other Precautions</b>	None

Date of issue	09-09-2015	Revision No.	1a	Issued by	S. Britton
Supersedes: Version12: dated 16-10-2002		Document No.	DSS-S001	Page 3 of 3	