

# Material Safety Data Sheet

## Potassium Chloride Solution

**Identity: Potassium Chloride Solution**

Form/Aspect: KCl salts dissolved in water

Use: Electrolyte Solution for electrodes with a Calomel reference

Also sold separately as a solution for refill or storage of electrodes

Part #: AS-3120-C20-0250

Part #: AS-3120-C20-0500

Section I - General Information

Manufacturer: Broadley-James Corporation, 19 Thomas, Irvine, CA 92618  
Phone: (949) 829-5555  
Emergency Phone: (949) 829-5555 Or (800) 288-2833  
Date Prepared: June 22, 2000

Section II - Ingredient Information

<b>Potassium Chloride</b>	28.3%	OSHA PEL/ACGIH TLV: N/A
Cas. No.: 7447-40-7		
Molecular Formula: KCl		
<b>Water</b>	Balance	

**\*According to OSHA, this product should not be considered a hazardous material.**

Section III - Physical/Chemical Characteristics

Boiling Point:	N/A	Vapor Density (Water):	N/A
Melting Point:	N/A	Appearance/Odor:	Clear, odorless liquid
Water Solubility:	100% by weight	Specific Gravity (H <sub>2</sub> O=1):	1.15
Evaporation Rate:	N/A	Vapor Pressure: (mm Hg):	N/A

Section IV - Fire And Explosion Hazard Data

Flash Point:	N/A	Unusual Fire & Explosion Hazards:	None
Extinguishing Media:	Any	Flammable Limits:	LEL: N/A UEL: N/A
Special Fire Fighting Procedures:	N/A		

Manufacturers of pH &amp; D.O. Sensors for Science and Industry

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# MSDS (Continued)

MSDS - Page 2

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Part #: AS-3120-C20-0250

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Section V - Reactivity Data

Stability: Stable

Conditions To Avoid: None Known

Hazardous Polymerization: Will Not Occur

Conditions To Avoid: None Known

Incompatibility: BrF<sub>3</sub>

Hazardous Decomposition Or Byproducts: N/A

Section VI - Health Hazard Data

Exposure Limit: Potassium Chloride: Oral-Guinea Pig LD50: 2500 mg/kg

Route Of Entry: Inhalation: N/A Skin: N/A Ingestion: Yes

Carcinogenicity: NTP: N/A IARC Monogr: N/A OSHA Reg.: No

Health Hazards: None Known

Effects Of Overexposure: (See below)

Emergency & First Aid Procedures:

Oral: Large doses cause GI irritation, purging, weakness and circulatory problems. Contact a physician.

Section VII- Precautions For Safe Handling And Use

Spill Response: Pick up and wash down drain with excess of water.

Waste Disposal: Not regulated.

Precautions To Be Taken In Handling & Storage: Store in cool, dry place.

Other Precautions: N/A

Section VIII - Control Measures

Respiratory Protection: N/A

Protective Gloves: Optional

Other Protective Equipment: None Required

Ventilation: None

Eye Protection: Safety Glasses

Work/Hygienic Practices: Wash hands thoroughly before eating, drinking or smoking.

Key: N/A = Not Applicable Or Not Available

N/D = Not Determined



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