



ELECTRO-CHEMICAL DEVICES

Liquid Analytical Instrumentation for Process Control

Bringing Simplicity
to a Solution

SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Trade Name: Potassium Ion Calibration Standard Solution

Product Number: Part # 2010443, 2010444, 2010441

Manufactured By: Electrochemical Devices, Inc.
1681 Kettering
Irvine, CA 92614

Phone #: 1-800-692-1333

SECTION 2 – HAZARDS IDENTIFICATION

Potential Health Effects: Not a hazardous substance or mixture.

Hazard Pictograms: Not Applicable.

Signal Word: Not Applicable.

Hazard statement(s): Not a hazardous substance or mixture.

Precautionary Statement(s): Not Applicable.



HMIS rating (Scale 0-4):

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Ingredients:	Active ingredients:	< 0.1 % w/w Potassium Chloride	CAS No.	7447-40-7
		2% Calcium Chloride	CAS No.	7440-70-2
		Balance De-Ionized Water	CAS No.	7732-18-8



SECTION 4 – FIRST-AID MEASURES

First Aid Procedure:

Eye contact: Flush eyes with water as a precaution.

Skin contact: Wash off with soap and plenty of water.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire-Fighting Procedures:

Products of Combustion: Nature of decomposition products not known.

Fire Hazards in Presence of Various Substances: Not Available.

Fire-Fighting Media and Instructions: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special Remarks on Fire Hazards: Not Available.

Special remarks on Explosion Hazards: Not Available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill-control Procedures:

Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.



SECTION 7 – HANDLING AND STORAGE

Precautions:	Not a hazardous substance or mixture.
Storage:	Keep container tightly closed in a dry and well-ventilated place.
Waste Disposal:	dispose of according to local and regional authority requirements.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Contains no substances with occupational exposure limit values.
Personal Protection:	Gloves. Lab Coat. Safety Googles.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance:	Liquid.
Odor:	Oderless.
Molecular Weight:	Not Applicable.
Color:	Colorless.
pH (soln/water):	~ 7 pH
Boiling Point:	100 C @ 1 ATM
Melting Point:	Not Available.
Critical Temperature:	Not Available.
Specific Gravity:	0.995 g/cm ³
Vapor Pressure:	Not Available.
Vapor Density:	Not Available.
Volatility:	Not Available.
Odor Threshold:	Not Available.



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Water/Oil Dist. Coeff: Not Available.

Ionicity (in Water): Not Available.

Dispersion Properties: Not Available.

Solubility: Not Available.

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: Stable under recommended storage conditions.

Instability Temperature: No Data Available

Conditions of Instability: No Data Available

Incompatibility: Strong bases, Strong oxidizing agents, Strong acids

Corrosivity: No Data Available

Remarks on Reactivity: No Data Available

Remarks on Corrosivity: No Data Available

Polymerization: No Data Available

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: No Data Available for mixture

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

Chronic Effects on Humans: No Data Available

Other Toxic Effects on Humans: No Data Available

Carcinogenicity: **IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC



ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available

BOD5 and COD: No Data Available

Products of Biodegradation: No Data Available

Toxicity of the Products of Biodegradation: No Data Available

Remarks on the Products of Biodegradation: No Data Available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Waste must be disposed of in accordance with federal, state and local environmental regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT Classification: Not regulated as dangerous goods..

Identifications: Not dangerous goods.

Special Provisions for Transport: Not dangerous goods.

IATA: Not dangerous goods.



SECTION 15 – OTHER REGULATORY INFORMATION

Federal and State Regulations: *SARA 302:* No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: No SARA Hazards

Other Regulations: Not applicable.

WHMIS (Canada): Not applicable.

DSCL (EEC): Not applicable.

Protective Equipment: Not applicable.

SECTION 16 – OTHER INFORMATION

References: Not applicable.

Other Special Considerations: Not applicable.

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