Identity: Potassium Chloride Solution Saturated with Silver Chloride

Form/Aspect: KCl salts with trace AgCl dissolved in water
Use: Electrolyte Solution for electrodes with an Ag/AgCl reference
Also sold separately as a refill solution
Part #: AS-3110-C20-0250
          AS-3110-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: May 17, 2006 Current as of June 17, 2014

Section II - Ingredient Information

Potassium Chloride  28.3%  OSHA PEL/ACGIH TLV: N/A
Cas. No.: 7447-40-7
Molecular Formula: KCl
Silver Chloride .001%
Cas. No.: 7783-90-60
Molecular Formula: AgCl
Water  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 (H₂O=1): 1.15
Evaporation Rate: N/A  Vapor Pressure: (mm Hg): N/A
Reactivity In Water: 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
Identity: Potassium Chloride Solution Saturated with Silver Chloride
Part #: AS-3110-C20-0250
AS-3110-C20-0500

Section V - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Incompatibility: BrF₃
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