MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION
Chemical Name & Synonyms: Potassium Chloride Solution
Trade Name & Synonyms: Conductivity Standard
DOT Hazard: None

SECTION 2 INGREDIENTS/COMPOSITION
Chemical Name: Water, Potassium Chloride
CAS #: 7732-18-5, 7447-40-7
Concentration:
Water: 99.95%*  
Potassium Chloride: 0.005%*
*Concentrations are approximate

SECTION 3 PHYSICAL DATA
Boiling Point: 100°C
Vapor Pressure: No Data
Solubility In Water: Infinite

SECTION 4 FIRE AND EXPLOSION HAZARD DATA
Flash Point (Method): Non-flammable
Flammable Limits: LEL: N/A  UEL: N/A
Extinguishing Media: Any media suitable for extinguishing the supporting fire.

SECTION 5 REACTIVITY DATA
Stability: Stable
Incompatibility: No information found.
Hazardous Decomposition Products: No information found.

SECTION 6 HEALTH HAZARD DATA
Threshold Limit Value: No information available.
Toxicity: Potassium Chloride: Oral – rat LD₅₀ 3020 mg/kg
Effects of Overexposure: Data not available.
Inhalation: Data not available.
Skin Contact: May cause mild irritation.
Ingestion: May cause gastrointestinal irritation.
Eye Contact: May cause mild irritation.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE
Handling and Storage: Keep bottles upright and tightly capped in dimly-lit area.
Other Precautions: Avoid contact with eyes
DOT: No restrictions

SECTION 8 SPECIAL PROTECTION INFORMATION
Material should be handled or transferred in an approved fume hood or with adequate ventilation.
Protective Gloves: Natural rubber Neoprene PVC or equivalent.
Eye Protection: Goggles or Safety glasses with side shields should be worn.

DISCLAIMER OF LIABILITY
The statements Contained herein are offered as informational date only and are based upon technical date that is believed to be correct. It is needed for use only by persons having the necessary technical skill and at their own discretion and risk. Since conditions and manner or use are outside the sellers control, no warranty, expressed or implied, is made and seller assumes no liability in connection with use of this information.