

# MATERIAL SAFETY DATA SHEET

## Section I General Information

Product Name: **74.7 Micro-mho ( $\mu$ S) @ 25°C Conductivity Calibration Solution K C I**  
Manufacturer: **Amber Science Inc.** (URL - <http://www.amberscience.com>)  
Address: **277 Blair Blvd.** (E-mail - [info@amberscience.com](mailto:info@amberscience.com))  
**Eugene, OR 97402-4147**  
Phone: **(541) 345-6877** Fax: **(541) 345-6277**

Chemical Name: **Potassium Chloride in Water**  
Chemical Family: **Aqueous salt water solution**  
DOT Shipping: **Not regulated as a hazardous material**  
IATA Shipping: **N/A**

## Section II Ingredients

CAS No.	%	Chemical Name(s)	LD50 (mg/kg) Oral - rat	OSHA PEL/ ACGIH TLV
7447-40-7	<0.004%	Potassium Chloride	2600 mg/kg	none
7732-18-5	>99.99 %	Water	>90 ml/kg	none

## Section III Physical Data

Boiling point: **100° C (212°F)** Specific Gravity: **1.0**  
Vapor Pressure: **N/A** Evaporation Rate: **N/A**  
Vapor Density: **N/A** pH: **7.0**  
Water Solubility: **Complete**  
Appearance & odor: **clear, odorless solution**

## Section IV Fire and Explosion Hazard Data

Flashpoint: **Non Flammable**  
Extinguishing Media: **Use extinguishing media appropriate for surrounding fire**  
NFPA Rating: **Flammability: 0 Reactivity: 0**

## Section V Health Hazard Data

Effects of Over exposure: **Caution: May be harmful if swallowed. May cause stinging or irritation in an open cut.**  
Emergency & First Aid: **Wash or rinse off skin with soap and water. Flush eyes with water for 15 minutes.**  
Ingestion First Aid: **Induce vomiting as directed by medical personnel.**

## Section VI Reactivity Data

Stable: **Yes**  
Conditions to avoid: **None**  
Hazardous Decomposition Products: **None**  
Hazardous Polymerization: **Will not occur.**

## Section VII Spill or Leak Procedures

Steps to be Taken: **Absorb spills with inert material and place in suitable container for disposal.**  
Waste Disposal Method: **Observe all State, Federal and Local Laws.**  
CERCLA Reportable Qty.: **None of the chemicals in this product have a Reportable Quantity.**  
RCRA Hazardous Waste No.: **None**

## Section VIII Special Protection Information

Respiratory Protection: **None**  
Ventilation: **None**  
Protective Gloves: **Product may cause skin irritation. Wear gloves to prevent skin exposure.**  
Eye Protection: **Product may cause eye irritation. Wear Safety Glasses to protect eyes.**

## Section IX Regulatory Information

Toxic Substance Control Act: **Potassium Chloride: CAS # 7447-40-7 is listed on the TSCA inventory.**  
(TSCA) **Water: CAS # 7732-18-5 is listed on the TSCA inventory.**  
TSCA Section 8d and 12b: **None of the chemicals are listed under TSCA Section 8d or 12b**  
TSCA Significant New Use Rule: **None of the chemicals in this material have a SNUR under TSCA.**  
SARA Section 302 Extremely Hazardous Substances: **None of the chemicals in this product have a TPQ.**  
SARA Section 313: **No**  
CERCLA: **No**  
RCRA 261.33: **No**  
OSHA: **None of the chemicals listed in this product are considered highly hazardous by OSHA.**