

MATERIAL SAFETY DATA SHEET

Section I General Information

Product Name: **1,409 Micro-mho (μ 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)
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	< .07 %	Potassium Chloride	2600 mg/kg	none
7732-18-5	> 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:	6.0 to 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.**