

# MATERIAL SAFETY DATA SHEET

Section I	General Information	
Product Name:	58,700 Micro-mho ( $\mu\text{S}$ ) @ 25°C	Conductivity Calibration Solution K C I
Manufacturer:	Amber Science Inc.	(URL - <a href="http://www.amberscience.com">http://www.amberscience.com</a> )
Address:	277 Blair Blvd. Eugene, OR 97402-4147	(E-mail - <a href="mailto:info@amberscience.com">info@amberscience.com</a> )
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	< 4 %	Potassium Chloride	2600 mg/kg	none
7732-18-5	>96 %	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:	5.0 to 6.0
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: (TSCA)	Potassium Chloride:	CAS # 7447-40-7 is listed on the TSCA inventory.
TSCA Section 8d and 12b:	Water:	CAS # 7732-18-5 is listed on the TSCA inventory.
TSCA Significant New Use Rule:	None of the chemicals are listed under TSCA Section 8d or 12b	
SARA Section 302 Extremely Hazardous Substances:	None of the chemicals in this material have a SNUR under TSCA.	
SARA Section 313:	None of the chemicals in this product have a TPQ.	
CERCLA:	No	
RCRA 261.33:	No	
OSHA:	None of the chemicals listed in this product are considered highly hazardous by OSHA.	