

# SAFETY DATA SHEET

Preparation & Last Date Printed: 09/14/2018 REV: A

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

Product: KCL 1000 Conductivity Standard Solution  
Product Code: SKU: 57008

### Recommended use of the chemical and restrictions on use

For research use only. Not intended for diagnostic or therapeutic use

### Details of the supplier of the safety data sheet

Pyxis Lab, Inc.  
1729 Majestic Dr. Suite 5  
Lafayette CO, 80026 USA

### Emergency telephone number

Chemtrek: 800.424.9300

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Non-Flammable, Non-Toxic, Non-Corrosive  
Does not Present any significant health hazards if handle correctly

PICTOGRAM: None  
SIGNAL WORD: None

### POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE: IRRITATING TO EYES, MUCOUS MEMBRANES, SKIN AND DIGESTIVE TRACT.  
ROUTES OF ENTRY: INGESTION.  
CARCINOGENICITY: MATERIAL IS NOT LISTED (IARC, NTP, OSHA) AS A CANCER-CAUSING AGENT.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**CHEMICAL NAME:** Aqueous Salt Solution

**TRADE NAME & SYNONYMS:** TDS/Conductivity Standard

**CHEMICAL FAMILY:** Inorganic Salts Solution, KCl Solution

**CHEMICAL FORMULA:** KCl and H<sub>2</sub>O

**CAS #:** Potassium Chloride #7447-40-7  
Water #7732-18-5

## 4. FIRST AID MEASURES

### FIRST AID PROCEDURES:

**EYE CONTACT:** FLUSH WITH LARGE AMOUNTS OF WATER.  
**SKIN CONTACT:** RINSE WITH LARGE AMOUNTS OF WATER.  
**INGESTION:** DRINK PLENTY OF WATER, DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

## 5. FIRE-FIGHTING MEASURES

<b>FLASH POINT (TEST METHOD)</b>	N/A		
<b>FLAMMABLE LIMITS</b>	N/A	Lel: N/A	Uel: N/A
<b>EXTINGUISHING MEDIA</b>	NON-FLAMMABLE		
<b>SPECIAL HAZARDS &amp; PROCEDURES</b>	N/A		
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS</b>	N/A		

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

CLEAN SPILL USING ABSORBENT MATERIALS AND WATER, AND THEN AIR OUT AREA

## 7. HANDLING AND STORAGE

**HANDLING:** NORMAL USE DOES NOT GENERATE A HAZARDOUS SITUATION WHEN HANDLED IN ACCORDANCE WITH GOOD INDUSTRIALHYGIENE AND SAFETY PRACTICES.

**STORAGE:** STORE AT ROOM TEMPERATURE

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**THRESHOLD LIMIT VALUE:** NONE KNOWN.  
**RESPIRATORY PROTECTION:** NONE REQUIRED.  
**VENTILATION:** NONE REQUIRED.  
**EYE PROTECTION:** RECOMMENDED.  
**PROTECTIVE GLOVES:** NONE REQUIRED.  
**PROTECTIVE CLOTHING:** NONE REQUIRED.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT, 760 mm Hg (°C)	102-107	SPECIFIC GRAVITY	1.0
FREEZING POINT (°C)	-0 TO -20	SOLUBILITY IN H <sub>2</sub> O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	N/A	APPEARANCE AND ODOR	COLORLESS, ODORLESS, LIQUID
VAPOR DENSITY	N/A		
PERCENT VOLATILES BY VOLUME	N/A	EVAPORATION RATE	N/A
			4.5 pH + 6.00 pH

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b> Product stable under normal temperatures and pressures	<b>CONDITIONS TO AVOID:</b> None known
<b>REACTIVITY:</b> Same as water	<b>MATERIALS TO AVOID:</b> (N/A) WATER (N/A) ACIDS (N/A) BASES (N/A) OTHER SPECIFY

## 11. TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** N/A

**TOXICOLOGICAL FINDING:** Tests on laboratory animals indicate material does not produce adverse mutagenic effects.  
Cited in Registry of Toxic Effects of Chemical Substances (RTECS)

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** No data available. No relevant information available.

**OTHER ADVERSE EFFECTS:** No relevant information available.

### 13. DISPOSAL CONSIDERATIONS

**EPA WASTE NO. AND DISPOSAL TREATMENT:**

MATERIAL DOES NOT HAVE AN EPA WASTE NUMBER AND IS NOT A LISTED WASTE.

**NOTE:** ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE AND ACCODANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

### 14. TRANSPORT INFORMATION

**DOT Shipping Name**.....Non-Regulated

**DOT Number**.....None

**IATA/CAO**.....Non-Hazardous Substance. No UN-Number

### 15. REGULATORY INFORMATION

**TSCA INVENTORY:** The CAS number of this product is listed on the TSCA inventory.

Component:.....N/A

SARA EHS (302).....N/A

SARA EHS TOQ (LBS).....N/A

CERCLA RQ (LBS).....N/A

OSHA FLOOR LIST.....N/A

SARA 313.....N/A

Deminimis for SARA 313 (%).....N/A

### 16. OTHER INFORMATION

**Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that These are the only hazards that exist.

<b>NFPA Hazard Ratings</b>	
Health:	0
Flammability:	0
Reactivity:	0
Special Hazards:	0