

# MATERIAL SAFETY DATA SHEET

## 12.88 mS/cm Conductivity Calibration Solutions

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### SITE SPECIFIC INFORMATION

No site specific information.

### PRODUCT IDENTIFICATION

Product Name:	12.88.00 mS / cm KCl Conductivity Calibration Solution
Common Synonyms:	Nil
Chemical Family:	Inorganic Salts
Formula:	Complex
Formula Weight:	NA
Product Use:	Laboratory and Industrial Reagent
Eutech SAF-T-Data System:	Health = 0, Flammability = 0, Reactivity = 0, Contact = 0

### SAFETY

For laboratory and industrial use only. Not for internal consumption. Avoid contact with eyes and skin

Component	Potassium Chloride
CAS NO:	7447407
% of KCl	0.756 %
OSHA & ACGIH THRESHOLD LIMIT	None listed
Protective equipment:	Safety glasses, lab coat and gloves

### PHYSICAL DATA

Appearance & Odor:	Liquid, Colorless & Odorless
Physical State:	Liquid
Boiling Point:	102.4 °C
Melting Point:	Not determined
Vapor Density (T=0 °C):	Not determined
Specific Gravity:	1
Solubility in Water:	Complete
pH:	6-7.2
Odor Threshold:	None
Coefficient Water/Oil Distribution:	None
Evaporation Rate:	1

## FIRE AND EXPLOSION DATA

Flash Point:	NA
Auto ignition Temperature:	NA
Fire Extinguishing Media:	Water, dry chemical, foam or Carbon dioxide.
Special Fire-fighting procedures:	Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.
Unusual Fire and Explosion Hazards:	None
Toxic Gases produced:	None
Explosion data-sensitivity to mechanical impact:	None identified.
Explosion data-sensitivity to static discharge:	None identified.

## HEALTH HAZARD DATA

Primary routes of entry:	Eye and Skin contact
Carcinogenicity:	None identified.
Acute effects:	Irritation to eyes and skin.
Inhalation:	High mist concentration can cause irritation of eyes, nose throat and lungs.
Skin contact:	Prolonged or repeated contact may cause skin irritation
Eye contact:	Irritation or burning sensation to eyes
Ingestion:	Ingestion of large quantities may cause gastro-intestinal irritation, nausea, vomiting, diarrhea
Chronic effects:	Not identified.

## EMERGENCY AND FIRST-AID PROCEDURES

Ingestion :	If swallowed and the person is conscious, give plenty of water drink and seek medical attention
Inhalation:	Bring to fresh air area. Call a physician if any difficulty persist
Skin contact:	Wash affected areas thoroughly with soap and water for at least 15 minutes. Seek medical attention if any irritation persists.
Eye contact:	In case of eye contact, immediately flush with plenty of water. Seek medical attention if any irritation persists.

## REACTIVITY DATA

Stability:	Stable
Condition to avoid:	Humidity, contact with any type of reactive chemicals
Incompatibles:	None
Polymerization:	Will not occur
Hazardous polymerization:	Will not occur

## SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the events of a spill or discharge:	Wash away with water.
Disposal procedure:	Dispose in accordance with all applicable federal, state and local

	environmental regulations.
Ventilation:	None
Respiratory protection:	None
Eye/Skin protection:	Use gloves

#### **STORAGE AND HANDLING PRECAUTIONS**

Storage requirements:	Keep container tightly closed. Keep in cool dark area away from light.
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#### **TRANSPORTATION DATA AND ADDITIONAL INFORMATION**

##### **Domestic (D.O.T.)**

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
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##### **International (I.M.O.)**

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
Marine pollutants:	Acid

##### **Air (I.C.A.O.)**

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
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