

## MATERIAL SAFETY DATA SHEET

### 500 µS Conductivity Calibration Solution (EC-CON-500BT)

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#### EUTECH INSTRUMENTS PTE LTD.

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#### SITE SPECIFIC INFORMATION

No site-specific information.

#### PRODUCT IDENTIFICATION

Product Name:	500 µS KCl Conductivity Calibration Solution
Common Synonyms:	Nil
Chemical Family:	Inorganic Salts
Formula:	Complex
Formula Weight:	NA
CAS No:	NA
Niosh / Rtec No:	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:	NE
WEIGHT:	NE
OSHA/PEL:	NE
ACGIH/TLV:	NE

## PHYSICAL DATA

Appearance & Odor:	Liquid, Colorless & Odorless
Physical State:	Liquid
Boiling Point:	102.4 °C
Vapor Pressure (mmHg):	NA
Melting Point:	NA
Vapor Density (T=0 °C):	NA
Specific Gravity:	1
% Volatiles by Volume:	0
Solubility:	NA
pH:	7.0
Odor Threshold (PPM):	NA
Coefficient Water/Oil Distribution:	1
Evaporation Rate:	NA

## FIRE AND EXPLOSION DATA

Flash Point (Close Cup):	NA
Auto ignition Temperature:	NA
Flammable Limits:	Upper, NA Lower, NA
Fire Extinguishing Media:	Acid waste. Use extinguishing media appropriate

	for surrounding fire
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

Threshold limit value (TLV/TWWA):	Not established
Toxicity of Components:	Not established
Carcinogenicity:	None identified
Reproductive effects:	None identified
Effects of overexposure:	
Inhalation:	None
Skin contact:	None
Eye contact:	None
Skin absorption:	None
Ingestion:	Ingestion of large quantities may cause gastrointestinal irritation, nausea, vomiting, and diarrhea
Chronic effects:	Not identified
Target organs:	None
Medical condition aggravated by exposure:	Nil
Primary routes of entry:	Nil

#### EMERGENCY AND FIRST-AID PROCEDURES

Ingestion:	If swallowed and the person is conscious, flush out stomach and seek medical attention
Inhalation:	Nil
Skin contact:	Nil
Eye contact:	In case of eye contact, immediately flush with plenty of water
Acute:	None
Chronic:	No
Flammability:	No
Pressure:	No
Reactivity:	Nil
Extremely hazardous substance:	No
Toxic chemicals:	None
TSCA Inventory:	No

#### REACTIVITY DATA

Stability:	Stable
Condition to avoid:	Humidity
Incompatibles:	Nil
Decomposition products:	Nil
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:	Nil

## STORAGE AND HANDLING PRECAUTIONS

SAF-T-Data*Storage color code:	Orange
Storage requirements:	Keep container tightly closed. Keep in cool dark area away from light

## TRANSPORTATION DATA AND ADDITIONAL INFORMATION

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

Proper shipping name:	N/A (Not Regulated for Shipping)
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### International (I.M.O.)

Proper shipping name:	N/A (Not Regulated for Shipping)
Marine pollutants:	Acid

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

Proper shipping name:	N/A (Not Regulated for Shipping)
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