

## MATERIAL SAFETY DATA SHEET

### ECCON150BT (150 $\mu$ S/cm Conductivity Calibration Solutions)

Last updated on 25<sup>th</sup> September 2008

**EUTECH INSTRUMENTS PTE LTD.**

Blk 55, Ayer Rajah Crescent, #04-16/24, Singapore 139949

Tel: (65) 6778 6876, Fax: (65) 6773 0836

 Website: <http://www.eutechinst.com>

 E-mail: [eutech@thermofisher.com](mailto:eutech@thermofisher.com)

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from the use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and purposes.

**SITE SPECIFIC INFORMATION**

No site specific information.

**PRODUCT IDENTIFICATION**

Product Name:	150 $\mu$ S / cm 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:	7447-40-7
WEIGHT:	0.00744%
OSHA/PEL:	NE
ACGIH/TLV:	NE

**PHYSICAL DATA**

Appearance & Odor:	Liquid, Colorless & Odorless
Physical State:	Liquid
Boiling Point:	102.4 °C
Vapour Pressure (mmHg):	NA
Melting Point:	NA
Vapour 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 gastro-intestinal irritation, nausea, vomiting, 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 colour 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:	Chemicals, N.O.S. (non-regulated)
-----------------------	-----------------------------------

**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)
-----------------------	-----------------------------------

 Copyright © 2008 Eutech Instruments Pte Ltd. [eutech@thermofisher.com](mailto:eutech@thermofisher.com)