

MATERIAL SAFETY DATA SHEET

EC-ISA-CA1-BT

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GENERAL INFORMATION

PRODUCT NAME:	Calcium ISA 4M KCL
MANUFACTURE'S NAME:	Eutech Instrument PTE LTD
DISTRIBUTED BY:	Eutech Instrument PTE LTD
CHEMICAL NAME:	Potassium Chloride in Water
CHEMICAL FAMILY:	Salt Solution

INGREDIENTS

CAS NO:	7447-40-7
% of KCL:	29.8%
% of water:	70.2%
OSHA/PEL:	none
ACGIH/TLV:	none
LD50(mg/kg) oral-rat of KCL:	2500

PHYSICAL DATA

Appearance & Odor:	Liquid, Colorless & Odorless
Physical State:	Liquid
Boiling Point:	100°C
Vapour Pressure (mmHg):	NA
Freezing Point:	NA
Vapour Density:	NA
Specific Gravity:	1.1
Solubility:	NA
pH:	7.0

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not Flammable
Auto ignition Temperature:	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:	NA

HEALTH HAZARD DATA

Effects of Overexposure:	
Emergency and First Aid :	Wash off affected area with water or induce vomiting if ingested.
Eyes & Skin	Wash off with large amounts of water for 15 minutes.
Ingestion/Inhalation:	Ingestion of large quantities may cause gastro-intestinal irritation, nausea, vomiting, and diarrhea.

REACTIVITY DATA

Stability:	Stable
Condition to avoid:	Humidity
Incompatibles:	NA
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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