

MATERIAL SAFETY DATA SHEET
EC-RE-003
(0.1M Sodium Chloride Reference Electrolyte)

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GENERAL INFORMATION

PRODUCT NAME:	EC-RE-003
MANUFACTURE'S NAME:	Eutech Instrument PTE LTD
DISTRIBUTED BY:	Eutech Instrument PTE LTD
CHEMICAL NAME:	Sodium Chloride in Water
CHEMICAL FAMILY:	Salt Solution

INGREDIENTS

CAS NO:	7647-14-5
% of : NaCl	0.585%
% of water:	99.4%
OSHA/PEL:	NA
ACGIH/TLV:	NA
LD50(mg/kg) oral-rat of NaCl	3 000 mg/kg

PHYSICAL DATA

Appearance & Odor:	Liquid, Colorless & Odorless
Physical State:	Liquid
Boiling Point:	100°C
Vapour Pressure (mmHg):	NA
Freezing Point:	NA
Vapour Density:	Highest known value is 0.62 (Air = 1) (water)
Specific Gravity:	1.0 (Water = 1)
Solubility:	NA
pH:	7.0

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not Flammable
Auto ignition Temperature:	NA
Fire Extinguishing Media:	NA
Special Fire-fighting procedures:	NA
Unusual Fire and Explosion Hazards:	NA

HEALTH HAZARD DATA

Effects of Overexposure:	NA
Skin :	No Known effect with skin contact, rinse in water for few minutes
Eyes	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15mins. Cold water may be used.
Ingestion/Inhalation:	If inhaled, allow victim rest in well ventilated area. Seek immediate medical attention. DO NOT induce vomiting. Loosen tight clothing such as collar, tie, belt or waistband. If victim is not breathing perform mouth-to-mouth resuscitation.

REACTIVITY DATA

Stability:	Stable
Condition to avoid:	NA
Incompatibles:	NA
Special remarks on reactivity	Explosive with the presence of Bromine Triflouride
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:	Safety glasses / Lab coat

STORAGE AND HANDLING PRECAUTIONS

Storage requirements:	No special storage is required. Use shelves or cabinets sturdy enough to weight the chemicals. Be sure that it is not necessary, strain to reach the material and that shelves are not overloaded.
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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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