

MATERIAL SAFETY DATA SHEET
**EC-SCS-IO1-BT
 (Iodide Standard 0.1M NaI)**

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GENERAL INFORMATION

PRODUCT NAME:	0.1 M Iodide Standard
MANUFACTURE'S NAME:	Eutech Instrument PTE LTD
DISTRIBUTED BY:	Eutech Instrument PTE LTD
CHEMICAL NAME:	Sodium Iodide in Water
CHEMICAL FAMILY:	Salt Solution

INGREDIENTS

CAS NO:	7681-82-5
% of : NaI	< 2.0 %
% of water:	> 98.0 %
OSHA/PEL:	NA
ACGIH/TLV:	NA
LD50(mg/kg) oral-rat of NaI	4340 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:	NA
Specific Gravity:	1.01 (Water=1)
Solubility:	NA
pH:	NA

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 :	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Eyes	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15mins, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Get medical attention if irritation occurs..
Ingestion/Inhalation:	If inhaled, allow the victim to rest in a well ventilated area. Seek immediate medical attention. DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

REACTIVITY DATA

Stability:	Stable
Condition to avoid:	Incompatible materials
Incompatibles:	Oxidizing agents, metals, acids
Special remarks on corrosivity	Highly corrosive in presence of aluminum, of zinc, of copper. Corrosive in presence of steel. Non-corrosive in presence of glass, stainless steel(304) & (316)
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 specific storage is require. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded. Keep away from incompatibles such as oxidizing agents, metals, acids..
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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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