

MATERIAL SAFETY DATA SHEET

EC-ISA-PB1-BT

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GENERAL INFORMATION

PRODUCT NAME:	Lead ISA 5M NaClO ₄
MANUFACTURE'S NAME:	Eutech Instrument PTE LTD
DISTRIBUTED BY:	Eutech Instrument PTE LTD
CHEMICAL NAME:	Sodium Perchlorate in Water
CHEMICAL FAMILY:	Salt Solution

INGREDIENTS

CAS NO:	7791073
% of : NaClO ₄	70%
% of water:	30%
OSHA/PEL:	none
ACGIH/TLV:	none
LD50(mg/kg) oral-rat of NaClO ₄	1150mg/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:	1.1
Solubility:	NA
pH:	4.5-7.0

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not Flammable
Auto ignition Temperature:	NA
Fire Extinguishing Media:	Water Spray & Appropriate Foam
Special Fire-fighting procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes
Unusual Fire and Explosion Hazards:	Contact with other material may cause fire

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:	If swallowed, wash out mouth with water provided person is conscious. Call a physician. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen..

REACTIVITY DATA

Stability:	Stable
Condition to avoid:	Humidity
Incompatibles:	Organic materials, strong Acids
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:	Wear respiratory
Eye/Skin protection:	Safety goggles / chemical resistant gloves

STORAGE AND HANDLING PRECAUTIONS

Storage requirements:	Keep tightly closed. Keep in cool dark area. Do not store near, nor allow contact with, clothing and other.
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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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