

MATERIAL SAFETY DATA SHEET
EC-SCS-CL3-BT
(Chloride Standard 100ppm NaCL)

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GENERAL INFORMATION

PRODUCT NAME:	100ppm Chloride Standard
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	<1%
% of water:	>99%
OSHA/PEL:	NA
ACGIH/TLV:	NA
LD50(mg/kg) oral-rat of NaCl:	3000 mg/kg

PHYSICAL AND REACTIVITY DATA

Appearance & Odor:	White powder or colorless crystals
Stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
Hazardous polymerization;	Has not been reported
Incompatibilities:	Reacts with most nonnoble metals such as iron or steel, building materials (such as cement), bromine, or trifluoride. Potentially explosive reaction with dichloromaleic anhydride + urea. Electrolysis of mixtures with nitrogen compounds may form explosive nitrogen trichloride.
Condition to avoid:	High temperatures, exposure to moist air or water.
Hazardous Decomposition Products:	Toxic fumes of sodium oxide

FIRE AND EXPLOSION HAZARD DATA

General Information	Water runoff can cause environmental damage. Dike and collect water used to fight fire. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Substance is noncombustible
Explosion :	Not considered to be an explosion hazard.
Fire Extinguishing Media:	For small fires, use water spray, dry chemical, carbon dioxide or chemical foam
Special information::	In the event of fire, wear NIOSH/MSHA approved breathing apparatus, resistant clothing, hat. Boots and gloves.

HEALTH HAZARD DATA

Ingestion :	Ingestion of large amounts may cause gastrointestinal irritation. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions. Continued exposure can produce coma, dehydration, and internal organ congestion.
Inhalation:	May cause respiratory tract irritation.
Skin contact:	May cause skin irritation
Eye contact;	May cause eye irritation...

FIRST AID MEASURES

Inhalation :	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear
Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid. Wash mouth out with water.
Skin contact:	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse
Eye contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

DISPOSAL PROCEDURES

Steps to be taken :	Whatever can not be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
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STORAGE AND HANDLING PRECAUTIONS

Storage requirements:	Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.
Handling	Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Do not ingest or inhale

TRANSPORTATION DATA AND ADDITIONAL INFORMATION

Domestic (D.O.T.)

Proper shipping name:	non-regulated
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International (I.M.O.)

Proper shipping name:	non-regulated
Marine pollutants:	Acid

Air (I.C.A.O.)

Proper shipping name:	non-regulated
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