

MATERIAL SAFETY DATA SHEET
EC-SCS-CA1-BT
(Calcium Standard 0.1M CaCl₂)

 Last updated on 14th October 2008

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GENERAL INFORMATION

PRODUCT NAME:	0.1M Calcium Standard
MANUFACTURE'S NAME:	Eutech Instrument PTE LTD
DISTRIBUTED BY:	Eutech Instrument PTE LTD
CHEMICAL NAME:	Calcium Chloride in Water
CHEMICAL FAMILY:	Salt Solution
EEUTECH SAF-T-DATA SYSTEM:	Health-0, Fire-0, Reactivity-0, Specific-none.

INGREDIENTS

CAS NO:	NE
% of CaCl ₂ :	>1.0 %
% of water:	<99.0 %
OSHA/PEL:	NE
ACGIH/TLV:	NE
LD50(mg/kg) oral-rat of CaCl ₂ :	1,000

PHYSICAL DATA

Appearance & Odor:	Liquid, Colorless & Odorless
Physical State:	Liquid
Boiling Point:	100°C
Vapour Pressure (mmHg):	NA
Freezing Point:	0°C
Vapour Density:	NA
Specific Gravity:	1.0
Solubility:	Soluble
pH:	5.5-7.5

FIRE AND EXPLOSION HAZARD DATA

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

HEALTH HAZARD DATA

Effects of Overexposure:	Low hazard for all routes of entry due to low concentration of salt.
Emergency and First Aid :	Flush with water. Internal: consult physician
Eyes & Skin	Possible irritation of skin for repeated exposure. May cause burning and irritation in an open cut. Flush with water.
Ingestion/Inhalation:	Consult physician.

REACTIVITY DATA

Stability:	Stable
Condition to avoid:	None
Incompatibles:	None
Decomposition products:	None
Hazardous polymerization:	Will not occur

SPILL AND DISPOSAL PROCEDURES

Steps to be taken :	Clean up and wash down drain with water.
Disposal procedure:	Dispose in accordance with all applicable federal, state and local environmental regulations.
Ventilation:	None
Respiratory protection:	None
Eye protection:	Safety goggles

STORAGE AND HANDLING PRECAUTIONS

Storage requirements:	Store at room temperature to protect product integrity. This product is not regulated under SARA Title III.
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TRANSPORTATION DATA AND ADDITIONAL INFORMATION

Domestic (D.O.T.)

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
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International (I.M.O.)

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
Marine pollutants:	Acid

Air (I.C.A.O.)

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
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