

**MATERIAL SAFETY DATA SHEET**

**EC-SCS-BR02-BT**  
**(Bromide Standard 1000 ppm NaBr)**

Last updated on 10<sup>th</sup> October 2008

**EUTECH INSTRUMENTS PTE LTD.**

Blk 55, Ayer Rajah Crescent, #04-16/24, Singapore 139949

Tel: (65) 6778 6876, Fax: (65) 6773 0836

Website: <http://www.eutechinst.com>

E-mail: [eutech@thermofisher.com](mailto:eutech@thermofisher.com)

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**GENERAL INFORMATION**

PRODUCT NAME:	1000 ppm Bromide Standard
MANUFACTURE'S NAME:	Eutech Instrument PTE LTD
DISTRIBUTED BY:	Eutech Instrument PTE LTD
CHEMICAL NAME:	Sodium Bromide in Water
CHEMICAL FAMILY:	Salt Solution

**INGREDIENTS**

CAS NO:	7647-15-6
% of : NaBr	0.129%
% of water:	99.871%
OSHA/PEL:	NA
ACGIH/TLV:	NA
LD50(mg/kg) oral-rat of NaBr:	7 000 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:	NA
Specific Gravity:	1.01
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 :	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used
Eyes	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15mins. Cold water may be used. Get medical attention if irritation occurs..
Ingestion/Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get attention if symptoms appear.

**REACTIVITY DATA**

Stability:	Stable
Condition to avoid:	Incompatible materials, moisture
Incompatibles:	Oxidizing agents, acids
Special remarks on reactivity	Absorbs moisture from the air but is not deliquescent. Hygroscopic. Also incompatible with alkaloidal and heavy metal salts, and Bromine trifluoride
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:	Keep container tightly closed. Keep in cool well-ventilated area. Do not store above 25°C
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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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