

MATERIAL SAFETY DATA SHEET

Part # BROAS02

Section I: General Information

Product Name: 1000 ppm Bromide Standard
Manufacturer's Name: Van London pHoenix Company
Distributed By: Van London pHoenix Company
Address: 6103 Glenmont Dr. Houston, Texas 77081
Phone: 713/772-6641 Fax: 713/772-4671

Chemical Name: Sodium bromide in water
Chemical Family: Salt solution
DOT Shipping Info: None
IATA Shipping Info: None

Section II: Ingredients

CAS No.	%	Chemical Name	LD50 (mg/kg) oral-rat	OSHA/PEL ACGIH TLV
7647-15-6	0.1%	Sodium bromide	3.59	None
7732-18-5	99.9%	Water	---	None

Section III: Physical Data

Boiling Point: 100°C
Specific Gravity: 1.0
Vapor Pressure: N/A
Freezing Point: 0°C
Vapor Density: N/A
pH: 5.5 – 8
Water Solubility: Soluble
Appearance & Odor: Colorless, odorless liquid

Section IV: Fire & Explosion Hazard Data

Flashpoint: N/A
Auto ignition Temperature: N/A
Extinguishing Media: Water, CO₂, dry chemical
Special Fire Fighting Procedures: N/A
Unusual Fire & Explosion Hazards: N/A

Section V: Health Hazard Data

Effects of Overexposure:	This product is a low hazard for both chronic and acute exposure. Possible irritation of the skin if allowed to remain on skin for long periods of time.
Emergency & First Aid:	Wash off contact area with water.
Eyes & Skin:	Flush with water.
Ingestion/Inhalation:	Consult physician.

Section VI: Reactivity Data

Stable:	Yes
Conditions to Avoid:	None
Incompatibility:	Alkaloidal and metallic salts and acids.
Hazardous Decomposition Products:	Heating to decomposition may emit toxic fumes of bromine.
Hazardous Polymerization:	Will not occur.

Section VII: Spill or Leak Procedures

Steps to be Taken:	Clean up and wash down drain.
Waste Disposal Method:	Consult federal, state, and local laws for proper disposal.

Section VIII: Special Protection Information

Respiratory Protection:	N/A
Ventilation:	N/A
Protective Gloves:	Any type
Eye Protection:	Safety goggles
Other Protective Equipment:	N/A

Section IX: Special Precautions

Precautions to be taken in Handling & Storage:	Sodium bromide does not appear on any listing associated with SARA Title III law.
Other Precautions:	NFPA Rating (0-4): Health-0, Fire-0, Reactivity-0, Specific-0.

Issue Date: May 3, 2007

Name: Peter F. Boyle, Quality Control Manager

Signature:

A handwritten signature in cursive script that reads "Peter Boyle". The signature is written in black ink and is positioned below the printed name.