

I - PRODUCT IDENTIFICATION

Product: Liquid Sodium Bromide Salts
Chemical Family: Metal Bromide
Formula: NaBr/H₂O
CAS Number: Not applicable - mixture
Synonyms: No More Troubles, SLAM

COMPANY IDENTIFICATION

AllChem Performance Products
6010 NW First Place
Gainesville, FL 32607
Tel:352-378-9696

24 HR EMERGENCY TELEPHONE NUMBER

INFOTRAC (Transportation): (800)535-5053

II – COMPOSITION, INFORMATION ON INGREDIENTS

Chemical or Common Name:	Exposure Limits	
	OSHA PEL:	ACGIH TLV:

Sodium Bromide			
7647-15-6		Not established	Not established
Sodium Bromide	7647-15-6	40.0%	WHMIS-CN2 WHMIS-HC1

III – HAZARDS IDENTIFICATION

Summary of Hazards: Eye irritant.

Primary Route(s) of Entry:

Ingestion:
Inhalation:
Eye Contact:
Skin Contact:

Primary Health Hazards (Acute and Chronic):

Chronic effects of overexposure: None known.

Carcinogenicity Listings:

OSHA:
NTP:
IARC:

Signs & Symptoms of Exposure:

Ingestion:
Inhalation:
Skin contact: Repeated or prolonged skin contact may cause irritation and superficial burns.

Eye Contact: Expected to be an eye irritant.
Medical conditions aggravated by exposure:

IV – FIRST AID MEASURES

Emergency and First Aid Procedures:

Ingestion: Give two glasses of water. Do not induce vomiting. Get medical attention

Inhalation: If inhaled, remove to fresh air.

Skin Contact: Wash contaminated areas with soap and water

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

V – FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used) Non-flammable

Flammable Limits: Not applicable.

LEL:

UEL:

Extinguishing Media: None required.

Hazardous Thermal Decomposition Products: Includes bromide.

Special Fire-fighting Procedures: Avoid breathing fumes.

Unusual Fire and Explosion Hazards: None known.

VI – ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Spilled Or Released:

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbents. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.

VII – HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storage: Store in dry, well-ventilated area.

Store at temperatures above 50° F.

Other Precautions:

VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: Not established by OSHA/ACGIH.

Eye Protection: Chemical goggles.

Respiratory Protection: None under normal conditions.

Ventilation:

Local Exhaust: not required

Mechanical Exhaust: Recommended.
Other Protective Clothing or Equipment: If repeated or prolonged skin contact or contamination of clothing is likely, protective clothing should be worn.
Work/ Hygienic Practices:

IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 110-112°C/212-234° F.
Vapor Pressure (mm Hg): 17.5 mm Hg @ 20° C/68° F for aqueous portion of solution.
Vapor Density (Air=1):
Solubility in Water: Miscible.
Appearance and odor: Clear liquid/little or no odor.
Specific Gravity (H₂O=1): 1.41 @ 21° C/70° F.
Percent volatile by volume: 60% water (by weight).
Melting Point:
Evaporation Rate:

X – STABILITY AND REACTIVITY

Stability: Unstable Stable
 Conditions to Avoid: Extremely high heat.
Incompatibility: Strong acids and strong oxidizing agents; corrosive to aluminum.
Hazardous Decomposition or By-Products:
Hazardous Polymerization: May Occur Will Not Occur

XI- TOXICOLOGICAL INFORMATION

Acute Toxicity:
Target Organ Toxicity:
Reproductive and Development Toxicity:
Carcinogenicity:
Mutagenicity:

XII- ECOLOGICAL INFORMATION

Aquatic Toxicity:
Avian Toxicity:

ENVIRONMENTAL HAZARDS (PR Notice 93-10)

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously

notifying the local sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the EPA.

XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method:

This product is not regulated by CERCLA/RCRA as a hazardous waste or material. However, this product has not been tested for the toxicity characteristic via the Toxicity Characteristic Leaching procedure. Please refer to the label for disposal method. Contact your regional office of EPA for guidance in disposal of this product.

XIV - TRANSPORTATION DATA

Not regulated for Transportation

U.S. Department of Transportation - 49 CFR

Proper Shipping Name:

Hazard Class/Division Number:

ID Number:

Packing Group:

Label Required:

Placard Required:

Marine Pollutant:

International Maritime Organization - IMDG

Proper Shipping Name:

Hazard Class/Division Number:

ID Number:

Packing Group:

Label Required:

Placard Required:

Marine Pollutant:

XV - REGULATORY INFORMATION

- (X) SARA Section 311/312 Reporting are indicated below:
- | | | |
|----------|----------------------------|-----|
| Health | Immediate (Acute) | Yes |
| Health | Delayed (Chronic) | No |
| Physical | Fire | No |
| Physical | Sudden Release of Pressure | No |
| Physical | Reactive | No |
| | Nuisance Mist/Dust Only | No |

- () TSCA: This material is exempt from the Toxic Substances Control Act (15 USC

2601-2629)

Following are WHMIS Classifications for this product: Class D, Division 2B

XVI - ADDITIONAL INFORMATION

This MSDS replaces the 11/18/1998 version. Any changes in information are as follows:
In Section I - 24 hr emergency telephone number

ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL.

Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section XV of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.

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