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KAIDA YISHENG CO., LTD.
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原材料说明 MATERIAL SPECIFICATION

原材料 Material: SODIUM BROMIDE

批号 Batch No: N/M

分子式 Formula: NaBr

分子量 Molecular Weight: 102.89

外观 Appearance: WHITE, CRYSTALLINE POWDER

包装 Package: 25 KGS. BAG X 40 NOS/PALLET

SI. No	Parameters	Specification	Result
1	Appearance	White, Crystalline powder	White, Crystalline powder
2	Assay, NaBr, wt%, min. (on dry basis)	98.5	99.5
3	Chloride, wt%, max (as Cl ⁻)	1.0	0.07
4	Loss on Drying, wt%, max	0.5	0.34
5	PH of 5% solution	6.5-8.0	6.6

BATCH NO's: 7817, 1487, 1687, 1787, 1087, 9817, 1287, 8817.

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MSDS FOR SODIUM BRMOIDE PURE POWDER

Section 1- Chemical Product and Company Identification

MSDS Name : Sodium Bromide

Company Name:KAIDA YISHENG CO.,LTD.

Tel:(852)3589 3359

Fax:(852)3589 3399

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
7647-15-6	Sodium Bromide	100	231-599-9

Hazard Symbols : None listed

Risk Phrases : None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance : white. Caution! May cause eye and skin irritation. May cause respiratory and digestive tract irritation. May cause central nervous system depression. May cause fetal effects based upon animal studies.

Target Organs: Central nervous system

Potential Health Effects

Eye : May cause eye irritation

Skin : May cause skin irritation

Ingestion : May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

Inhalation : May cause respiratory tract irritation. May cause effects similar to those described for ingestion

Chronic : May cause fetal effects. May cause incoordination and mental disturbances.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and

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shoes.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Note to Physician: Treat symptomatically and supportively

Section 5 – Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use extinguishing media most appropriate for the surrounding fire.

Section 6 – Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7 – Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Do not ingest or inhale.

Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA Final PELs
SODIUM BROMIDE	none listed	none listed	none listed

OSHA Vacated PELs: SODIUM BROMIDE: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.

Skin : Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary

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Section 9 – Physical and Chemical Properties

Physical State	:	Solid
Appearance	:	White
Odor	:	none reported
pH	:	6.5 – 8 (10% solution)
Vapor Pressure	:	Not applicable
Vapor Density	:	Not available
Evaporation Rate	:	Not applicable
Viscosity	:	Not applicable
Boiling Point	:	1390 deg C
Freezing/Melting Point	:	755 deg C
Autoignition Temperature	:	Not available
Flash Point	:	Not available
Decomposition Temperature	:	800 deg C
NFPA Rating	:	(estimated) Health:1 Flammability:0, Reactivity:0
Explosion Limits, Lower	:	Not available
Upper	:	Not available
Solubility	:	95 g/100ml (25 C)
Specific Gravity/Density	:	3.203 @ 25C
Molecular Formula	:	BrNa
Molecular Weight	:	102.8938

Section 10 – Stability and Reactivity

Chemical Stability	:	Stable under normal temperatures and pressures
Conditions to Avoid	:	Incompatible materials, dust generation, moisture
Incompatibilities with Other Material	:	Strong oxidizing agents, strong acids
Hazardous Decomposition Products	:	Hydrogen bromide
Hazardous Polymerization	:	Has not been reported

Section 11 – Toxicological Information

RTECS#:

CAS# 7647-15-6: VZ3150000

LD50/LC50:

CAS# 7647-15-6

Oral, mouse: LD50 = 7gm/kg;

Oral, rat: LD50 = 3500 mg/kg;<br.

Carcinogenicity:

CAS# 7647-15-6 : Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA

Epidemiology : No date available

SHEN

Teratogenicity : Effects on newborn (behavioral)

Reproductive Effects: No data available

Neurotoxicity : No data available

Mutagenicity : No data available

Other Studies : No data available </br.

Section 12 – Ecological Information

No information available

Section 13 – Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification

RCRA P-Series : None listed

RCRA U-Series : None listed

Section 14 – Transport Information

Special Provisions Transport : Not applicable

Section 15 – Regulatory Information

State regulations

TSCA

CAS# 7647-15-6 is listed on the TSCA inventory

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA

SARA

Section 302 (RQ)

None of the chemicals in this material have an RQ

Section 302 (TPQ)

None of the chemicals in this product have a TPQ

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Section 313

No chemicals are reportable under section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any class 2 Ozone depletors

Clean Water Act

None of the chemicals in this product are listed as Hazardous Substance under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA

None of the chemicals in this product are considered highly hazardous by OSHA.

Section 16 – Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall SIBAC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising even if Fisher has been advised of the possibility of such damages.

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