



NFPA 	HCS Risk Phrases HCS CLASS: None	Protective Clothing 
--	---	---

Section I. Chemical Product and Company Identification

Common Name/ Trade Name	SODIUM BROMIDE	Revision Date: 9-20-06
Supplier	FRITZ INDUSTRIES, INC. 500 SAM HOUSTON ROAD MESQUITE, TX 75149 (972) 285-5471 (800) 955-1323	In Case of Emergency. (800) 424-9300 Week Days: (972) 285-5471 (800) 955-1323

Chemical Family Inorganic salt

Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Sodium Bromide	7647-15-6	≥98	N/A	LD ₅₀ = 3500 mg/kg (oral, rat)

Section III. Hazards Identification

Emergency overview	May cause irritation to skin, eyes, and respiratory tract. May be harmful if swallowed.
Eye contact	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause irritation.
Ingestion	May cause irritation of the gastrointestinal tract.
Chronic/Acute Exposure	May cause gastrointestinal, skin, and nervous system irritation.

Section IV. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention immediately.
Skin Contact	Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing and thoroughly clean shoes before reuse.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	If large amount is swallowed, or adverse affects occur, get medical attention immediately.
Note to Physician	Sodium chloride, oral, intravenous, diuretics.

Section V. Fire and Explosion Data

Fire	This material is not considered to be a fire hazard.
Fire Fighting Media and Instructions	Use any means suitable for extinguishing surrounding fire. If it can be done without risk, move container from fire area. Avoid inhalation of material. Stay upwind and keep out of low areas.
Hazardous Combustion Products	May generate bromine gas in the presence of strong oxidizing agents.




Section VI. Accidental Release Measures

Leak/Spill	Do not touch spilled material. Stop leak if you can do it without risk. For small spills, take up with sand or other absorbent material and place into containers for later reclamation or disposal. For larger spills, dike far ahead of spill for later disposal. Keep unnecessary people away. Isolate hazard and deny entry.
------------	--

Section VII. Handling and Storage

Handling	Use only with adequate ventilation. Wash thoroughly after handling.
Storage	Keep in a tightly closed container and properly labeled. Isolate from incompatible substances.

SODIUM BROMIDE

Section VIII. Exposure Controls/Personal Protection																
Ventilation System	Provide local exhaust ventilation where dust or mist may be generated.															
Personal Protection	Use an approved dust/mist respirator. Wear chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eyewash fountain and quick-drench facilities in work area. Wear appropriate protective clothing to prevent skin contact.															
Section IX. Physical and Chemical Properties																
Physical state and Appearance	Solid Odor: Odorless Color: Off-white															
Specific Gravity	3.2															
pH	5-8 @ 5% solution															
Section X. Stability and Reactivity Data																
Stability	Stable under ordinary conditions of use and storage															
Incompatibilities	Strong oxidizing agents.															
Hazardous decomposition products	May generate bromine gas in the presence of strong oxidizing agents.															
Section XI. Toxicological Information																
Primary Routes of Exposure	Eye and skin contact; inhalation of dust; ingestion.															
Toxic Effects on Humans	Irritation possible to skin, eyes, and respiratory tract. May cause irritation of the mouth, throat, and stomach. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.															
Chronic Effects	May cause bromism characterized by disturbances of the central nervous system, skin and digestive tract. May cause birth defects.															
Section XIV. Transport Information																
DOT Classification	Not regulated under the Transport of Dangerous Goods Act.															
Section XV. Other Regulatory Information and Pictograms																
Other Classifications	WHMIS (Canada) Classification D-2B Canadian DSL Inventory Status CAS# 7647-15-6 is listed on Canada's DSL List. CAS# 7647-15-6 is listed on Canada's Ingredient Disclosure List.															
HMIS (U.S.A.)	<table border="0"> <tr> <td style="background-color: blue; color: white; padding: 2px;">2</td> <td style="background-color: red; color: white; padding: 2px;">HEALTH</td> <td rowspan="4" style="vertical-align: middle; padding-left: 20px;">National Fire Protection Association (U.S.A.)</td> <td rowspan="4" style="vertical-align: middle; padding-left: 20px;">Health</td> <td rowspan="4" style="text-align: center;">  </td> <td style="padding-left: 20px;">Fire Hazard</td> </tr> <tr> <td style="background-color: red; color: white; padding: 2px;">0</td> <td style="background-color: yellow; color: black; padding: 2px;">FLAMMABILITY</td> <td style="padding-left: 20px;">Reactivity</td> </tr> <tr> <td style="background-color: yellow; color: black; padding: 2px;">0</td> <td style="background-color: white; color: black; padding: 2px;">REACTIVITY</td> <td style="padding-left: 20px;">Specific Hazard</td> </tr> <tr> <td style="background-color: white; color: black; padding: 2px;">C</td> <td style="background-color: blue; color: white; padding: 2px;">PROTECTIVE EQUIPMENT</td> <td></td> </tr> </table>	2	HEALTH	National Fire Protection Association (U.S.A.)	Health		Fire Hazard	0	FLAMMABILITY	Reactivity	0	REACTIVITY	Specific Hazard	C	PROTECTIVE EQUIPMENT	
2	HEALTH	National Fire Protection Association (U.S.A.)	Health					Fire Hazard								
0	FLAMMABILITY							Reactivity								
0	REACTIVITY							Specific Hazard								
C	PROTECTIVE EQUIPMENT															
Section XVI. Other Information																
<u>Notice to Reader</u> The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Fritz Industries, Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.																