



SPE chemicals Co., Ltd.
 2407, No-1308 Zhangyang Road, Pudong, Shanghai 200122, China
 Tel: +86-21-68735647 Fax: +86-21-68735647



SODIUM BROMIDE

Material Safety Data Sheet

Supplier: SPE Chemicals Co., Ltd
 Telephone +86-21 68735647

CHEMICAL DATA	
Synonyms:	Bromide salt of sodium; natrium bromide
Chemical Family:	Alkali metal halide
Formula:	NaBr
Molecular Weight:	102.9
CAS Registry Number:	7647-15-6

Sodium Bromide – 99%

INGREDIENTS (Typical analysis – not a specification)

PHYSICAL DATA			
Boiling Point:	1390° C	Melting point:	775° C
Vapor Pressure:	1 mm Hg at 805° C	Vapor Density:	Not Applicable.
Specific Gravity:	3.21	Evaporation Rate:	None at ambient temperature.
Solubility:	In water: 95 g/100 g at 25° C		
	In other solvents: 7 g/100 g in 95% ethanol		
Decomposition:	Decomposes from ca. 800° C, with the release of toxic, irritant bromine fumes.		
Appearance & Odor:	White, odorless crystalline solid; hygroscopic, but not deliquescent.		

FIRE AND EXPLOSION HAZARD DATA	
Flash Point:	None
Flammable (explosive) limits:	Will not support combustion.
Autoignition Point:	None
Extinguishing Media:	Use extinguishing media appropriate to surrounding conditions.
Special Fire Fighting Procedures:	Cool containers with water spray. In closed stores, provide fire fighters with self-contained breathing apparatus (in pressure demand or other positive pressure mode).
Unusual Fire and Explosion Hazards:	From ca. 800° C will decompose, releasing toxic bromine fumes.



SPECIAL PRECAUTIONS	
Precautions to be taken in handling and storage:	Keep containers tightly closed. Store in a dry, cool location, away from BrF acids, and alkaloidal and heavy metal salts.
Other precautions:	Safety shower and eye bath should be provided. Do not eat, drink or smoke until after-work ablution.

REGULATION INFORMATION	
Transportation:	IMO, UK, USA. Not regulated.
Status:	Reported in EPA TSCA Inventory, 1985. Reported in EINECS. Not listed in NTP.

State Regulations:

PROPOSITION 65 STATEMENT(California Only):

Do not swallow water in pools, hot tubs, or spas. Sodium Bromide(or "The active ingredient in this product") may react with certain other substances in pool, hot tub, and spa waters from bromates. Bromates are known by the State of California to cause cancer when administered by the oral (drinking or ingesting) route. Read and follow label directions and use care when handling or using this product.

This warning is provided pursuant to Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986, chapter 6.6 of the California Health and Safety Code, which requires the Governor of California to publish a list of chemicals "known to the state to cause cancer or reproductive toxicity." This list is compiled in accordance with the procedures established under the Proposition, and can be obtained on the internet from California's Office of Environmental Health Hazard Assessment at <http://www.oehha.ca.gov>. There are over 700 chemical substances on this list.

Please Note: The information contained herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge and belief. NO

WARRANTY OR GUARANTEE, expressed or implied, is made regarding the product performance, product stability, or as to any other condition of use, handling, transportation, and storage. Customer use, handling, transportation, and storage may involve additional safety and/or performance considerations. Our technical personnel will be happy to respond to questions regarding safe handling, storage, transportation and use procedures. The safe handling, storage, transportation and use procedures remain the sole responsibility of the customer. No suggestions for handling, storage, transportation or use are intended as or to be construed as recommendations which may infringe on any existing patents or violate any Federal, State, and/or local law and/or regulation, ordinance, standard, etc.