Section 1 — Chemical Product and Company Identification

Sodium Bromide

Flinn Scientific, Inc.  P.O. Box 219  Batavia, IL  60510  (800) 452-1261
CHEMTREC Emergency Phone Number: (800) 424-9300

Section 2 — Composition, Information on Ingredients

Sodium Bromide

CAS#: 7647-15-6

Section 3 — Hazards Identification

White, odorless crystalline solid; absorbs air moisture becoming almost rock hard.
Slightly toxic by ingestion and skin absorption. Irritating to body tissues. Avoid all body tissue contact.

Section 4 — First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.
Eye: Immediately flush with fresh water for 15 minutes.
External: Wash continuously with fresh water for 15 minutes.
Internal: Give large quantities of water. Call a physician or poison control at once.

Section 5 — Fire Fighting Measures

Non flammable solid. Non combustible solid.
When heated to decomposition, emits toxic fumes of Br and Na2O.
Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive mode.

Section 6 — Accidental Release Measures

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

Section 7 — Handling and Storage


Section 8 — Exposure Controls, Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.
Section 9 — Physical and Chemical Properties
White, odorless crystalline solid; absorbs air moisture becoming almost rock hard.
Solubility: Soluble in water; slightly in alcohol.
Formula: NaBr
Formula Weight: 102.89

Specific Gravity: 3.208
Melting Point: 757.7 C
Boiling Point: 1390 C

Section 10 — Stability and Reactivity
Avoid contact with acids.
Shelf Life: Product absorbs moisture from air; keep tightly closed.

Section 11 — Toxicological Information
Acute effects: Irritant
Chronic effects: N.A.
Target organs: Central nervous system

ORL-RAT LD50: 3500 mg/kg
IHL-RAT LC50: N.A.
SKN-RBT LD50: 2000 mg/kg

N.A. = Not available, not all health aspects of this substance have been fully investigated.

Section 12 — Ecological Information
Data not yet available.

Section 13 — Disposal Considerations
Please consult with state and local regulations.
Flinn Suggested Disposal Method #26a is one option.

Section 14 — Transport Information
Shipping Name: Not regulated
Hazard Class: N/A
UN Number: N/A
N/A = Not applicable

Section 15 — Regulatory Information
TSCA-listed, EINECS-listed (231-599-9).

Section 16 — Other Information
Consult your copy of the Flinn Scientific Catalog/Reference Manual for additional information about laboratory chemicals. This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Flinn Scientific Inc. assumes no legal responsibility for use or reliance upon this data.

Flinn MSDS Prevent Chemical Accidents