



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.  
Avon, New York 14414  
(716) 226-6177

MSDS No. SS 340  
Effective Date April 29, 1999

## SECTION V HEALTH HAZARD DATA SS 340

**Threshold Limited Value** None established. (ACGIH 1992-93). Toxicity Data: Oral LD50 in rats reported to be 3.5 g/kg. Intraperitoneal LD50 in mice reported to be 5 g/kg.

**Effects of Overexposure** Prolonged and excessive inhalation of dusts or ingestion may produce rashes, depression, emaciation and, in severe cases, psychoses and mental deterioration. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**

**INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Induce vomiting and call physician. Never give anything by mouth to an unconscious person. **EYES:** Flush eyes with plenty of water, lifting lower and upper eyelids occasionally. Get medical attention. **SKIN:** Flush with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. Get medical attention if ill effects develop.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	In presence of strong acids can liberate hydrogen bromide; in presence of strong oxidants can liberate bromine.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Avoid contact with strong acids or strong oxidants.

**Hazardous Decomposition Products** Thermal decomposition or burning may produce hydrogen bromide gas and/or bromine gas.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>		Not applicable.
	<b>May Occur</b>	<b>Will Not Occur</b>	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Recover for use if not contaminated. Dissolve in water and flush to sewer with copious amounts of water.

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Solutions resulting from flushing spills or leaks can safely be disposed of through sewage systems except where local regulations may prohibit such disposal.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	No.
	<b>Mechanical (General)</b>	<b>Recommended.</b>	<b>Other</b>	No.

**Protective Gloves** Rubber for repeated exposure. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Smock, apron, eye wash station, ventilation hood.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry place. Wash thoroughly after handling.  
Keep container tightly closed when not in use.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.  
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Revision</b> No. 5	<b>Date</b> 4/29/99	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	SODIUM BROMIDE	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177	<b>Health</b>	1
<b>Chemical Synonyms</b>	Sedoneural		<b>Fire</b>	0
<b>Formula</b>	NaBr		<b>Reactivity</b>	0
<b>Unit Size</b>	up to 2.5 Kg.		<b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	
<b>C.A.S. No.</b>	7647-15-6	<b>HMIS *</b> 0 1 2 3 4		

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Bromide	min. 99%	See Section V.

**WARNING! HARMFUL IF SWALLOWED OR INHALED.**

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	755°C (1391°F)	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	3.203 at 25°C
<b>Boiling Point (°F)</b>	1391°C (2534°F)	<b>Percent Volatile by Volume (%)</b>	N/A
<b>Vapor Pressure (mm Hg)</b>	1 mm at 1483°F	<b>Evaporation Rate (n-Butyl Acetate = 1)</b>	N/A
<b>Vapor Density (Air=1)</b>	Data not listed.		
<b>Solubility in Water</b>	95 grams per 100 mL. water at 77°F.		
<b>Appearance &amp; Odor</b>	White crystalline or powdered solid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Non-combustible.	<b>Flammable Limits in Air % by Volume</b>	N/A	<b>Lower</b>	<b>Upper</b>
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**Extinguisher Media** Use any media suitable for extinguishing supporting fire.

## SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Thermal decomposition or burning may produce highly corrosive hydrogen bromide gas and/or bromine gas.

D.O.T. **NON-REGULATED.**

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20