



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. BB 26
Effective Date January 26, 1999

SECTION V HEALTH HAZARD DATA

BB 26

Threshold Limited Value TWA: 0.5 mg/m³ as Barium ACGIH 1992-93.
Toxicity data LD₅₀ (oral rat) 921 mg/kg

Effects of Overexposure **INHALATION:** May cause coughing, sore throat, shortness of breath and mild bronchitis. **SKIN:** May cause dermatitis, swelling or redness. **EYES:** May cause redness and irritation. **INGESTION:** May cause slow pulse, irregular heartbeat, acute pain, convulsions, tremors, weakness, gastrointestinal irritation.

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 thoroughly with water for at least 15 minutes, 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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Treat symptomatically. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperatures and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidants.

Hazardous Decomposition Products Thermal decomposition may release acrid smoke and irritating fumes of oxides of carbon.

Hazardous Polymerization	Conditions to Avoid		
	May Occur	Will Not Occur	
		X	
			Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Ventilate area of spill. Avoid making dust. Sweep up and place in a suitable container for disposal. Wash spill area with soap and 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.

Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) Work in ventilation hood. If dusty conditions prevail, wear a NIOSH/MSHA approved dust mask or respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, lab coat, vented hood, proper gloves, eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry, well-ventilated area. 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.
Do not breathe dust. Use with adequate ventilation. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing.

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

Revision No. 3	Date 1/26/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	BARIUM ACETATE	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * Health 3 Fire 0 Reactivity 0
Chemical Synonyms	Barium Diacetate	
Formula	(CH ₃ CO ₂) ₂ Ba	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	543-80-6	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Barium Acetate	100%	See Section V.
WARNING! MAY BE HARMFUL OR FATAL IF INHALED OR SWALLOWED		

SKIN OR EYE CONTACT MAY CAUSE IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	2.19
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible.	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Soluble.		
Appearance & Odor	White crystals; slight vinegar odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

SPECIAL FIREFIGHTING PROCEDURES

In the event of a fire, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Not considered to be a fire or explosion hazard. However, if in dust form, may pose a negligible hazard.

D.O.T. NON-REGULATED.

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