



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. BB 185  
Effective Date January 28, 1999

## SECTION V HEALTH HAZARD DATA

BB 185

### Threshold Limited Value

None established. (ACGIH 1992-93).

### Effects of Overexposure

**INHALATION:** Narcotic irritant. Acute exposure - Toxic manifestations which develop within 20 to 30 minutes after absorption are headache, dizziness, visual disturbances. **SKIN CONTACT:** Corrosive/Narcotic - Acute Exposure - irritant. **EYE CONTACT:** Corrosive - Acute Exposure - may irritate severely. **INGESTION:** Toxic/Corrosive - may be fatal if ingested. Exercise appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

**INHALATION:** Remove to fresh air. If illness develops, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **INGESTION:** If swallowed, do NOT induce vomiting. If conscious, give one or two glasses of water or milk to drink and call a physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Protect from light. Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizing agents.
--------------------------------------	--------------------------

Hazardous Decomposition Products	Combustion will produce carbon dioxide and probably carbon monoxide. Bromine gas, oxides of sodium and sulfur may also be present.
----------------------------------	--

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	Wear protective safety equipment and use adequate ventilation. Avoid making dust. Sweep up and place in a suitable container for disposal. Flush spill area with water. Do not allow wash water to pollute water ways and streams.
---	--

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)	None should be needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or 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, smock, apron, proper gloves, ventilation hood, eye wash station.
----------------------------	---

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. Protect from light. Avoid contact with skin and eyes. 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. There is insufficient data in the published literature to recommend complete laboratory protective equipment for this product. Special precautions must be used in storage, use and handling. Remove and wash contaminated clothing.
-------------------	---

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

Revision No. 4	Date 1/28/99	Approved Michael Raszeja	Chemical Safety Coordinator	MR
----------------	--------------	--------------------------	-----------------------------	----

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	BROMOCRESOL GREEN, SODIUM SALT		
Chemical Synonyms	3'3", 5'5"-Tetrabromo-m-Cresol-sulfonphthalein Sodium Salt		
Formula	C <sub>21</sub> H <sub>13</sub> Br <sub>4</sub> O <sub>5</sub> S <sub>3</sub> Na		
Unit Size	up to 2.5 Kg.		
C.A.S. No.	62625-32-5		

**CHEMTREC**  
800-424-9300  
Day 716-226-6177

Health	1
Fire	1
Reactivity	0

**NFPA HAZARD RATING**

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

**HMIS \***

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Bromocresol Green, Sodium Salt	100%	None established.

**WARNING! MAY BE HARMFUL IF SWALLOWED, INHALED**

**OR ABSORBED THROUGH SKIN-CAUSES IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	230°C (446°F) dec.	Specific Gravity (H <sub>2</sub> O = 1)	Greater than 1.
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Not listed.		
Solubility in Water	Appreciable.		
Appearance & Odor	Reddish-brown crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
---------------------------	-----------------	-------------------------------------	-----	-------	-------

Extinguisher Media	Carbon dioxide (CO <sub>2</sub> ); dry chemical (ABC); water spray or fog.
--------------------	--

### SPECIAL FIREFIGHTING PROCEDURES

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

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

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