



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. BB 168  
Effective Date November 6, 1998

## SECTION V HEALTH HAZARD DATA

BB 168

### Threshold Limited Value

None established.

### Effects of Overexposure

May be harmful ingestion. May cause irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

**INGESTION:** Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature to cause evaporation.
	Stable	X		

### Incompatibility (Materials to Avoid)

Strong oxidizers.

### Hazardous Decomposition Products

Thermal decomposition or burning may produce oxides of nitrogen, chlorine fumes.

### Hazardous Polymerization

### Conditions to Avoid

May Occur	Will Not Occur	Not applicable.
	X	

## SECTION VII SPILL OR LEAK PROCEDURES

### Steps to be taken in case material is released or spilled

Flush the aqueous solution down drain with plenty 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.

Flush the aqueous solution down drain with plenty of water.

## SECTION VIII SPECIAL PROTECTION INFORMATION

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

Ventilation	Local Exhaust	Not required.	Special	No.
	Mechanical (General)	Not required.	Other	No.

**Protective Gloves** Rubber - may cause irritation on long exposure. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Lab coat, apron, eye wash station, proper gloves.

## SECTION IX SPECIAL PRECAUTIONS

### Precautions to be Taken in Handling & Storing

Store in a cool 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.

Revision No. 4	Date 11/6/98	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

<b>Product</b>	BRILLIANT CRESYL BLUE 1% IN SALINE SOL'N	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	Health	1
<b>Chemical Synonyms</b>	Brilliant Blue C		Fire	0
<b>Formula</b>	Mixture. See Section II.		Reactivity	0
<b>Unit Size</b>	up to 4 Lt.		<b>HMIS *</b>	
<b>C.A.S. No.</b>	Mixture. See Section II.			

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Brilliant Cresyl Blue: (CAS No. 81029-05-2)	1.0%	None established.
Sodium Chloride: (CAS No. 7647-14-5)	0.9%	None established.
Water: (CAS No. 7732-18-5)	98.1%	None established.

**CAUTION! MAY BE HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes approx. 0°C (32°F)	Specific Gravity (H <sub>2</sub> O = 1)	Approx. 1.00
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	98.1%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Blue, water like liquid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

### SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus. Use flooding amounts of water in early stages of fire.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions resulting in the evaporation of the water of solution hazardous decomposition products may be produced as dust or fume. There are no unusual fire and explosion hazard associated with this solution.

D.O.T. NON-REGULATED.

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