



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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(716) 226-6177

MSDS No. BB 166  
Effective Date November 6, 1998

## SECTION V HEALTH HAZARD DATA

BB 166

**Threshold Limited Value** None established.

**Effects of Overexposure** May be harmful by inhalation, ingestion, or skin absorption. May cause irritation to mucous membranes and upper respiratory tract. 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**

**EYES:** Immediately flush eyes with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops, get medical attention. **INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention. **INGESTION:** If swallowed, if conscious, rinse mouth with water. Call a physician. Never give anything by mouth to an unconscious person. **SKIN:** Flush thoroughly with water, then wash with mild soap and water.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Protect from light. Excessive temperature and heat.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizers.

**Hazardous Decomposition Products** When heated to decomposition, emits toxic fumes of chlorides and nitrous oxides, carbon monoxide, carbon dioxide.

<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** Scoop up and place in a suitable container for proper disposal. Avoid raising dust. Ventilate well and wash spill area.

**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 an approved incinerator or contract a licensed chemical waste disposal service.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory handling. If dusty conditions prevail, work in a 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>	<b>No.</b>
	<b>Mechanical (General)</b>	<b>Recommended.</b>	<b>Other</b>	<b>Adequate to maintain below exposure limit.</b>

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

**Other Protective Equipment** Goggles, smock, apron, proper gloves, ventilation hood, and eye wash station.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry place in a tightly sealed container. 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.

Avoid contact with skin and eyes. Do not breathe dust. Use with adequate ventilation. Remove and wash contaminated clothing.

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

<b>Revision No. 4</b>	<b>Date</b> 11/6/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> 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	 <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  <b>HMIS *</b> Health 1 Fire 1 Reactivity 1
<b>Chemical Synonyms</b>	Brilliant Blue C ; C.I. No. 51010	
<b>Formula</b>	C <sub>17</sub> H <sub>20</sub> CIN <sub>3</sub> O <sup>+</sup> 1/2 ZnCl <sub>2</sub>	
<b>Unit Size</b>	up to 2.5 Kg.	
<b>C.A.S. No.</b>	81029-05-2	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Brilliant Cresyl Blue	100%	None established.

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

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

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	233-236°C (452-456°F)	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Unknown.
<b>Boiling Point (°F)</b>	Decomposes.	<b>Percent Volatile by Volume (%)</b>	Negligible as solid.
<b>Vapor Pressure (mm Hg)</b>	Negligible as solid.	<b>Evaporation Rate ( =1)</b>	Not applicable.
<b>Vapor Density (Air=1)</b>	Unknown.		
<b>Solubility in Water</b>	1 gram per 100 mL. water at 20°C.		
<b>Appearance &amp; Odor</b>	Dark green crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Not applicable.	<b>Flammable Limits in Air % by Volume</b>	NA	<b>Lower</b>	<b>Upper</b>
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**Extinguisher Media** Carbon dioxide (CO<sub>2</sub>); dry chemical (ABC); alcohol foam, water spray.

### SPECIAL FIREFIGHTING PROCEDURES

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

### UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition, emits toxic fumes of chlorides and nitrous oxides; can react vigorously with oxidizing materials.

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

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