



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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(716) 226-6177

MSDS No. MM 540  
Effective Date March 31, 1999

## SECTION V HEALTH HAZARD DATA

MM 540

### Threshold Limited Value

None established.

### Effects of Overexposure

**TARGET ORGANS AFFECTED:** None known.  
May be harmful by inhalation, ingestion, or skin absorption. 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:** 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. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Protect from light, excessive temperatures and heat.
	Stable	X	

Incompatibility (Materials to Avoid)	Strong oxidizing agents and reducing agents.
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Hazardous Decomposition Products	Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide, oxides of nitrogen, hydrogen chloride gas.
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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	Avoid generating dust. Sweep up and place in a suitable container for disposal. Wash spill area soap and water.
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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 equipped with an afterburner and scrubber or dispose of in an approved chemical landfill.
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## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		None needed in normal laboratory handling. If dusty conditions prevail, wear a NIOSH/MSHA-approved dust mask or respirator.			
Ventilation	Local Exhaust	Not needed.		Special	No.
	Mechanical (General)	Recommended.		Other	No.
Protective Gloves		Rubber.		Eye Protection	Chemical safety glasses.
Other Protective Equipment		Smock, apron, eye wash station, ventilation hood, proper gloves.			

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from oxidizing materials. Wash thoroughly after handling.
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**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.

Do not breathe dust. Avoid contact with skin, eyes and clothing. Hygroscopic. Absorbs moisture from air. Protect from light. 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.

Revision	No. 5	Date	3/31/99	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	METHYL VIOLET (2B)	 CHEMTREC 800-424-9300 Day 716-226-6177  NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4  HMIS * 3 4
Chemical Synonyms	Basic Violet 1, C.I. No. 42535	
Formula	C <sub>24</sub> H <sub>28</sub> N <sub>3</sub> Cl	
Unit Size	up to 100 grams	
C.A.S. No.	8004-87-3	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Methyl Violet, Biological Stain, pH Indicator	95%	None established.

**CAUTION! MAY BE HARMFUL IF INHALED, SWALLOWED OR**

**ABSORBED THROUGH SKIN. CAUSES IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	137°C (278°F) decomposes	Specific Gravity (H <sub>2</sub> O = 1)	Unknown.
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Negligible.
Vapor Pressure (mm Hg)	Negligible.	Evaporation Rate (≈1)	N/A.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	Soluble.		
Appearance & Odor	Blue-green crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-volatile solid.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; carbon dioxide (CO <sub>2</sub> ); dry chemical.				

### SPECIAL FIREFIGHTING PROCEDURES

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