



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. MM 550  
Effective Date March 31, 1999

## SECTION V HEALTH HAZARD DATA

MM 550

**Threshold Limited Value** None established by (ACGIH 1992-93).

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

**Emergency and First Aid Procedures**  
**EYES:** Flush eyes with large amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention. **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. **SKIN:** Flush with water, then wash thoroughly with handcream or handcleaner.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature to cause evaporation.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizing agents, reducing agents.

**Hazardous Decomposition Products** When heated to decomposition, emits toxic fumes of carbon monoxide and carbon dioxide, nitrogen oxides and hydrogen chloride gas.

<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** Wearing suitable protective clothing, absorb in vermiculite, sand, earth. Scoop up and place in a suitable container for proper disposal. Wash spill area well 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 an approved incinerator equipped with an afterburner and scrubber.

## 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 NIOSH/MSHA-approved respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	Not needed.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Not needed.	<b>Other</b>	No.

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

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

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry place. Protect from light. Wash thoroughly after handling. Remove and wash contaminated clothing. 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 assign laboratory protective equipment for this product. Special precautions must be used in storage, use and handling.

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

<b>Revision</b> No. 5	<b>Date</b> 3/31/99	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	METHYL VIOLET 2B, AQUEOUS SOLUTION	 <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 FIRE REACTIVITY 1 0 0
<b>Chemical Synonyms</b>	Basic Violet 1, (C.I. No. 42535)	
<b>Formula</b>	Mixture	
<b>Unit Size</b>	Up to 500 mL.	
<b>C.A.S. No.</b>	Mixture	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Methyl Violet 2B: (CAS No. 8004-87-3)	0.25-1%	None established.
Water: (CAS No. 7732-18-5)	99%	
<b>CAUTION! MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN.</b>		

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	Approx. 0°C (32°F)	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Approx. 1.0 at 20°C
<b>Boiling Point (°F)</b>	Approx. 100°C (212°F)	<b>Percent Volatile by Volume (%)</b>	99%
<b>Vapor Pressure (mm Hg)</b>	14 mm (water)	<b>Evaporation Rate (Ether = 1)</b>	Greater than 1.
<b>Vapor Density (Air=1)</b>	0.7 (water)		
<b>Solubility in Water</b>	Complete.		
<b>Appearance &amp; Odor</b>	Dark blue colored liquid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

### SPECIAL FIREFIGHTING PROCEDURES

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

### UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be produced as dust or fume.

D.O.T. NON-REGULATED.

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