



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. MM 485
Effective Date August 25, 1998

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Methyl Purple	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS*</p> <table border="1"> <tr> <td>Health</td> <td>1</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	1	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	1																	
Fire	0																	
Reactivity	0																	
Chemical Synonyms	Methyl Purple																	
Formula	Mixture																	
Unit Size	up to 4 Lt.																	
C.A.S. No.	Mixture																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Bromocresol Green: (CAS No. 62625-32-5)	0.04%	None established.
Methyl Red: (CAS No. 845-10-3)	0.02%	None established.
Water: (CAS No. 7732-18-5)	99.94%	None established.

**CAUTION! MAY BE HARMFUL IF SWALLOWED OR
ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION.**

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes approx. 0°C (32°F).	Specific Gravity (H ₂ O = 1)	1.0
Boiling Point (°F)	Approx. 100°C (212°F).	Percent Volatile by Volume (%)	99.94%
Vapor Pressure (mm Hg)	14 (water).	Evaporation Rate (Water = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water).		
Solubility in Water	Complete.		
Appearance & Odor	Purple liquid; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-combustible.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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.

UNUSUAL FIRE AND EXPLOSION HAZARDS

There are no unusual fire and explosion hazard associated with this solution. This solution due to its chemical composition and/or its concentration does not present any firefighting hazard. In fire conditions resulting in the evaporation of the water of solution, hazardous decomposition products may be produced as dust or fume. Fire or excessive heat may produce hazardous decomposition products.

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

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

SECTION V HEALTH HAZARD DATA

MM 485

Threshold Limited Value None established for this mixture. (ACGIH 1992-93).

Effects of Overexposure
EYES: No specific hazard known. Contact may cause transient irritation.
SKIN: Low Hazard for usual laboratory handling. 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
SKIN: Flush thoroughly with water, then wash with mild soap and water.
EYES: Flush eyes thoroughly with water, lifting lower and upper eyelids occasionally. If irritation develops, get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and call physician. Never give anything by mouth to an unconscious person.
INHALATION AS MIST: Remove to fresh air.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid) Strong oxidizing agents.

Hazardous Decomposition Products Combustion will produce carbon dioxide and probably carbon monoxide.

Hazardous Polymerization	Conditions to Avoid		Not applicable.
	May Occur	Will Not Occur	
		X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Absorb in vermiculite. Scoop up and place in a suitable container for proper disposal. Wash spill area with 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 accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

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

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

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

Other Protective Equipment Goggles, smock, apron, proper gloves and 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.
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. 1	Date 8/25/98	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.