



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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(716) 226-6177

MSDS No. WW 80-1  
Effective Date June 2, 1999

## SECTION V HEALTH HAZARD DATA

WW 80-1

**Threshold Limited Value** None established for this product. Acetic acid: Toxicity data: Oral; Rat; LD50: 3530 mg/kg. TWA 10 ppm (Air), 25 mg/m<sup>3</sup>; STEL: 15 ppm (Air), 37 mg/m<sup>3</sup>.

**Effects of Overexposure** 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. Exercise appropriate procedures to minimize opportunities for direct contact with the skin or eyes.

**Emergency and First Aid Procedures**

**INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and get immediate medical attention. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for at least 15 minutes, raising upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If discomfort or illness develop, get medical attention.

## 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 caustics, strong acids, metals.

**Hazardous Decomposition Products** When heated to decomposition may emit corrosive fume or vapor of acetic acid, carbon dioxide, carbon monoxide.

<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** Carefully neutralize with soda ash or sodium bicarbonate. Cover spill with an absorbent material and place in an appropriate container for proper disposal. Wash spill area 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.

Contract with a licensed waste disposal service.

## SECTION VIII SPECIAL PROTECTION INFORMATION

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

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

<b>Protective Gloves</b>	Rubber (Nitrile/Butyl)	<b>Eye Protection</b>	Chemical safety glasses.
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**Other Protective Equipment** Smock, apron, eye wash station in close proximity (within 15 sec. of work area).

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool area. 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.

Protect from light.  
Remove and wash contaminated clothing before reuse.

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

<b>Revision</b> No. 4	<b>Date</b> 6/2/99	<b>Approved</b> Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employees 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>	PROTEIN FIX/STAIN	 <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>1</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	1	Fire	0	Reactivity	1
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	1																	
Fire	0																	
Reactivity	1																	
<b>Chemical Synonyms</b>	Same																	
<b>Formula</b>	Mixture																	
<b>Unit Size</b>	up to 3.785 Lt.																	
<b>C.A.S. No.</b>	Mixture.																	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Quinone-imine dye (Proprietary Information)	0.08	None established.
Acetic Acid, Glacial: (CAS No. 64-19-7)	7.0	10 ppm
Distilled Water	93.0	

**WARNING! IRRITANT TO EYE, SKIN AND MUCOUS MEMBRANES. HARMFUL IF SWALLOWED.**

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	Not determined.	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Approx. 1.0
<b>Boiling Point (°F)</b>	Approx. 100°C (212°F)	<b>Percent Volatile by Volume (%)</b>	99.9%
<b>Vapor Pressure (mm Hg)</b>	14 (water)	<b>Evaporation Rate (Water = 1)</b>	1
<b>Vapor Density (Air=1)</b>	0.7 (water)		
<b>Solubility in Water</b>	Complete.		
<b>Appearance &amp; Odor</b>	Blue liquid; vinegar odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Not flammable.	<b>Flammable Limits in Air % by Volume</b>	N/A	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 and full protective clothing.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition may emit corrosive fume or vapor of acetic acid.

D.O.T. NON-REGULATED.

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