



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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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

### Stability

Unstable  
Stable

### Conditions to Avoid

Protect from light.  
Excessive temperature and heat.

### 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.

### Hazardous Polymerization

### Conditions to Avoid

May Occur  
Will Not Occur

Not applicable.

## 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.

### Ventilation

Local Exhaust  
Mechanical (General)

Yes.

Not needed.

Special

Other

No.

No.

### Protective Gloves

Rubber (Nitrile/Butyl)

### Eye Protection

Chemical safety glasses.

### 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.

### Revision

No. 4

### Date

6/2/99

### Approved

Michael Raszeja

Chemical Safety Coordinator

MR


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## SECTION I

## NAME

## 24 HOUR EMERGENCY ASSISTANCE

Product	PROTEIN FIX/STAIN
Chemical Synonyms	Same
Formula	Mixture
Unit Size	up to 3.785 Lt.
C.A.S. No.	Mixture.

	CHEMTREC <b>800-424-9300</b> Day 716-226-6177		<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>		Health	1	Fire	0	Reactivity	1
	Health	1								
	Fire	0								
	Reactivity	1								
NFPA HAZARD RATING		HMIS*								
LEAST	SLIGHT	MODERATE	HIGH	EXTREME						
0	1	2	3	4						

## 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

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

## SECTION IV

## FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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