



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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Avon, New York 14414  
(716) 226-6177

MSDS No. EE 55  
Effective Date October 30, 1998

## SECTION V HEALTH HAZARD DATA

EE 55

### Threshold Limited Value

None established for this mixture. (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 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, induce vomiting and call physician. Never give anything by mouth to an unconscious person. **INHALATION AS MIST:** Remove to fresh air. If illness develops, get medical attention.

## SECTION VI REACTIVITY DATA

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

### Incompatibility (Materials to Avoid)

Strong oxidizers.

### Hazardous Decomposition Products

Thermal decomposition or burning may produce hydrogen bromide, carbon dioxide and/or carbon monoxide.

### Hazardous Polymerization

### Conditions to Avoid

May Occur	Will Not Occur
	X

Not applicable.

## SECTION VII SPILL OR LEAK PROCEDURES

### Steps to be taken in case material is released or spilled

Absorb in vermiculite or paper. Scoop up and place in a suitable container for proper disposal.

### 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 or contract with a licensed waste disposal agency.

## 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 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, eye wash station.

## SECTION IX SPECIAL PRECAUTIONS

### Precautions to be Taken in Handling & Storing

Store in a cool place. 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.

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	10/30/98	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	EOSIN Y, 1% AQUEOUS SOLUTION
Chemical Synonyms	Tetrabromofluorescein, Eosine Yellow, C.I. No. 45380
Formula	Mixture. See Section II.
Unit Size	up to 4 Lt.
C.A.S. No.	Mixture. See Section II.

CHEMTREC  
800-424-9300  
Day 716-226-6177

NFPA  
HAZARD RATING  
LEAST SLIGHT MODERATE HIGH EXTREME  
0 1 2 3 4

Health	1
Fire	0
Reactivity	0

HMIS \*

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Eosin Y: (CAS No. 17372-87-1)	1%	None established.
Water: (CAS No. 7732-18-5)	99%	None established.

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

**ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes at 0°C (32°F)	Specific Gravity (H <sub>2</sub> O = 1)	Approx. 1.0 at 20°C.
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	99%
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	Yellow, fluorescent liquid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Water Solution (NA).	Flammable Limits in Air % by Volume	NA	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.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

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