



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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(716) 226-6177

MSDS No. IX 80
Effective Date November 5, 1998

SECTION V HEALTH HAZARD DATA

IX 80

Threshold Limited Value TWA calculated: 4.7 ppm (air); 19.1 mg/m³.
Data for TWA computation taken from ACGIH 1992-93.

Effects of Overexposure May be fatal if swallowed. May be harmful by inhalation or skin absorption. To the best of our knowledge, this chemical mixture's physical and toxicological properties have not been thoroughly investigated. 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, then induce vomiting. Repeat until vomit fluid is clear. Get immediate medical attention. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive heat and temperature. Sparks and flame.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizers.

Hazardous Decomposition Products When heated to decomposition, emits toxic fumes of carbon monoxide and/or carbon dioxide.

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, sand, earth, paper towel and place in a suitable container for incineration. 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.
Dispose of in an approved incinerator equipped with an afterburner and scrubber.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) In the laboratory, work in a ventilation hood. In an emergency, if needed, wear a NIOSH/MSHA-approved respirator with organic canister.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	Adequate to maintain below exposure limit.

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

Other Protective Equipment Smock, apron, eye wash station, ventilation hood, goggles, proper gloves.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool place away from strong oxidizers or fire hazards. 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.
Avoid contact with skin, eyes and mucous membranes. Do not take internally. Remove and wash contaminated clothing.

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

Revision No. 4	Date 11/5/98	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	INSECT LARVAE PRESERVING FLUID	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * Health 2 Fire 3 Reactivity 1
Chemical Synonyms	FAAG Fixative	
Formula	Mixture * - See Section II	
Unit Size	up to 4 Lt.	
C.A.S. No.	None assigned.	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Ethyl Alcohol, Denatured (95%): (CAS No. 64-17-5)	24.0%	1,000 ppm (air)
Glacial Acetic Acid: (CAS No. 64-19-7)	5.0%	10 ppm (air)
Formaldehyde (37% Soln): (CAS No. 50-00-0)	15.0%	Ceiling limit 2 ppm (air)
Glycerin: (CAS No. 56-81-5)	10.0%	30 mppcf (as mist)

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H₂O = 1)	Approx. 1.0
Boiling Point (°F)	Data not listed.	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	87.9 mm @ 24°C Formaldehyde	Evaporation Rate (Water = 1)	Variable for each component.
Vapor Density (Air=1)	1.0 (Formaldehyde)		
Solubility in Water	Complete.		
Appearance & Odor	Clear, water white liquid; formaldehyde odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	91°F (32.7°C) Ethyl Alcohol	Flammable Limits in Air % by Volume	Lower	Upper
		ETOH	3.3	19

Extinguisher Media Carbon dioxide (CO₂); dry chemical (ABC); water spray.

SPECIAL FIREFIGHTING PROCEDURES

Evacuate personnel in the area of upwind direction. Wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing.

* Water: (CAS No. 7732-18-5)....46%
(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 132)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. Burns with a clear, almost invisible flame, especially hard to see in strong sunlight.

D.O.T. **FORMALDEHYDE, SOLUTION, FLAMMABLE, 3, UN 1198, PG III**

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