



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. AA 67
Effective Date January 14, 1999

SECTION V HEALTH HAZARD DATA

AA 67

Threshold Limited Value

None established for this mixture.

Effects of Overexposure

From the literature Clinical Toxicology of Commercial Products, 1969, Gleason. This product has a low toxicity rating when taken internally by oral route but can be fatal if taken by injection. Injection may cause increase in heart rate, irritability, headache, elevated blood pressure, dilated pupils, and death. **EYES:** May cause irritation on contact. **SKIN:** May cause irritation.

Emergency and First Aid Procedures

IF ACCIDENTAL INJECTION SHOULD OCCUR, GET IMMEDIATE MEDICAL ATTENTION. 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. **EYES:** Flush with water, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Flush with water, then wash with mild soap and water.

SECTION VI REACTIVITY DATA

Stability	Unstable	X	Conditions to Avoid	Protect from sunlight, and exposure to air. Excessive temperature, heat and air.
	Stable			

Incompatibility (Materials to Avoid)	Strong oxidizers and alkaline materials.
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Hazardous Decomposition Products	None known.
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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	Dilute with water and flush to sewer with copious amounts of water.
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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.
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Flush down sewer with large amounts of water.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None required.
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Ventilation	Local Exhaust	None required.	Special	No.
	Mechanical (General)	None required.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, smock, apron, eye wash station and proper gloves.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place. Refrigerate for prolonged potency. Wash thoroughly after handling.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Remove and wash contaminated clothing.

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

Revision No. 3	Date 1/14/99	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	L-ADRENALINE Chloride (1:100,000)	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * HEALTH FIRE REACTIVITY 3 0 0
Chemical Synonyms	Adrenaline 0.001% Solution	
Formula	Mixture.	
Unit Size	up to 4 Lt.	
C.A.S. No.	Mixture.	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
L-Adrenaline Hydrochloride: (CAS No. 55-31-2)	0.001%	None established.
Sodium Metabisulfite: (CAS No. 7681-57-4)	0.1%	TWA: 5 mg/m ³
Water: (CAS No. 7732-18-5)	99.90%	None established.

WARNING! MAY BE HARMFUL IF SWALLOWED OR FATAL BY INJECTION. NOT FOR CLINICAL USE. FOR LABORATORY USE ONLY. NON-STERILE SOLUTION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes at 0°C (32°F)	Specific Gravity (H ₂ O = 1)	1.00 at 25°C
Boiling Point (°F)	100°C (212°F)	Percent Volatile by Volume (%)	99.90%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Clear, colorless, water solution. 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
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Extinguisher Media	Use any media suitable for extinguishing supporting fire.
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SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions, water may evaporate from this solution, which may cause hazardous decomposition products to be produced as dust or fume.

D.O.T. NON-REGULATED.

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