



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
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MSDS No. CC 210
Effective Date July 7, 1998

SECTION V HEALTH HAZARD DATA

CC 210

Threshold Limited Value

None established by (ACGIH 1992-93).

Effects of Overexposure

Can cause eye, skin, and respiratory irritations. In sensitized individuals, an allergic response upon inhalation of aerosol may occur.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, give one or two glasses of water to drink, induce vomiting and call a physician. Never give anything by mouth to an unconscious person. **SKIN:** Flush with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water, lifting upper and lower eyelids occasionally. If irritation develops or persists, get medical attention. **INHALATION:** Remove to fresh air. If discomfort or illness develops, get medical attention. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature to cause decomposition. Exposure to air.
	Stable	X		

Incompatibility (Materials to Avoid)	None known.
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Hazardous Decomposition Products	None known.
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Hazardous Polymerization		Conditions to Avoid	None known.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Flush the aqueous solution down drain with plenty 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 the aqueous solution down drain with plenty of water.

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 or vinyl.	Eye Protection		Chemical safety glasses.

Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves, goggles.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place. Wash thoroughly after handling. Store under refrigeration for improved stability.
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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.
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Remove and wash contaminated clothing. Keep container tightly closed to minimize exposure to air.

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

Revision No. 5	Date 7/7/98	Approved Michael Raszeja	Chemical Safety Coordinator	MR
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SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	CATALASE ENZYME LIQUID	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 0 1 2 3 4
Chemical Synonyms	I.U.B. 1.11.1.6-Hydrogen Peroxide Oxidoreductase	
Formula	Enzyme (Protein)	
Unit Size	up to 4 Lt.	
C.A.S. No.	9001-05-2	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Catalase	100%	None established.

CAUTION! CONTACT MAY CAUSE SKIN AND EYE IRRITATION.

AVOID BREATHING AEROSOL.

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H ₂ O = 1)	1.10 - 1.30
Boiling Point (°F)	100°C (212°F)	Percent Volatile by Volume (%)	0
Vapor Pressure (mm Hg)	Not applicable.	Evaporation Rate (≈1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Complete.		
Appearance & Odor	A light green-brown liquid. Free of offensive odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	NA	Lower	Upper
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Extinguisher Media	Water, carbon dioxide, dry chemical.				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus. Use flooding amounts of water in early stages of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

This solution due to its chemical composition and/or its concentration does not present any firefighting hazard.

D.O.T. NON-REGULATED.

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