



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. RR 10
Effective Date November 18, 1998

SECTION V HEALTH HAZARD DATA

RR 10

Threshold Limited Value

None established by (ACGIH 1992-93).

Effects of Overexposure

INHALATION: Inhalation of enzyme dust may cause allergic type reaction in susceptible individuals upon repeated exposure. **SKIN:** None. **EYE CONTACT:** Material will cause irritation upon contact with the eye. **INGESTION:** Can cause irritation to mouth and throat. **CHRONIC EFFECTS OF OVEREXPOSURE:** Repeated inhalation of enzyme dust by susceptible individuals may result in allergenic sensitization.

Emergency and First Aid Procedures

INHALATION: Remove from exposure, seek immediate medical attention if allergenic response exhibited. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **INGESTION:** Rinse mouth and throat with tap water.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature, heat, high humidity and ultraviolet (sunlight).
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizing materials.
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Hazardous Decomposition Products	Thermal decomposition or burning emits toxic fumes of carbon dioxide and/or carbon monoxide and oxides of nitrogen (NO _x).
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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	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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Dispose of in an approved incinerator or in a sanitary landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.		
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Not needed.	Other	No.

Protective Gloves	Rubber for prolonged or repeated contacts.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Lab coat, eye wash station, proper gloves, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Maintain good housekeeping. Avoid generation of dust or aerosol. Avoid exposure of enzyme product to conditions of high temperatures and humidity which may reduce product activity. Store in a cool, dry place.
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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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Wash thoroughly after handling.

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

Revision No. 5	Date 11/18/98	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	RENNET TABLETS	<p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	0	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	0																	
Fire	0																	
Reactivity	0																	
Chemical Synonyms	Microbial Rennet																	
Formula	Natural Product (Not Determined)																	
Unit Size	Vial of 25 tablets																	
C.A.S. No.	9073-79-4																	

SECTION II INGREDIENTS OF MIXTURES

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

LOW HAZARD FOR USUAL LABORATORY HANDLING; NON-TOXIC

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H ₂ O = 1)	Approx. 1.3
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Non-volatile (NA).
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Non-volatile (NA).
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Approximately 1 gram per 100 mL. at 20°C.		
Appearance & Odor	Tan to light brown, round tablets; peculiar, not unpleasant odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable (NA).	Flammable Limits in Air % by Volume	NA	Lower	Upper
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Extinguisher Media	Water spray; carbon dioxide (CO ₂); dry chemical (ABC).
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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; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

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