



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. CC 215  
Effective Date February 3, 1999

## SECTION V HEALTH HAZARD DATA

CC 215

### Threshold Limited Value

None established by ACGIH 1992-93.

### Effects of Overexposure

Can cause eye, skin and respiratory irritations. May cause allergic reaction in sensitive individuals. Toxicology properties have not been thoroughly investigated.

### Emergency and First Aid Procedures

**INGESTION:** If swallowed, if conscious, rinse mouth with water 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 breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat. Exposure to air.
	Stable	X		

Incompatibility (Materials to Avoid)	None known.
--------------------------------------	-------------

Hazardous Decomposition Products	None known.
----------------------------------	-------------

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	Wear proper protective equipment. Sweep up spilled material and place in a container for proper disposal. Wash 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.
	Dissolve or mix the chemical with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

## 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 respirator.			
	Local Exhaust	Not required.	Special	No.
Ventilation	Mechanical (General)		Recommended.	Other
				No.
Protective Gloves	Rubber or vinyl.		Eye Protection	Chemical safety glasses.

Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves, goggles, ventilation hood.
----------------------------	--

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store at less than 0°C. 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. 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. 2	Date	2/3/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
----------	-------	------	--------	----------	-----------------	-----------------------------	----

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	CATALASE POWDER	 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	E.C. 1.11.1.6-Caperase, Equilase, Optdase	
Formula	Enzyme (Protein)	
Unit Size	up to 100 Grams	
C.A.S. No.	9001-05-2	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Catalase	100%	None established.
CAUTION! MAY CAUSE IRRITATION.		

MAY HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION.

## SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Not applicable.	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Complete.		
Appearance & Odor	Solid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray, carbon dioxide, dry chemical or appropriate foam.				

### SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus to prevent contact with skin and eyes. Use flooding amounts of water in early stages of fire.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

D.O.T. NON-REGULATED.

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