



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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(716) 226-6177

MSDS No. CC 230  
Effective Date February 4, 1999

## SECTION V HEALTH HAZARD DATA

CC 230

Threshold Limited Value	None established.
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Effects of Overexposure	No health hazard expected. <b>INGESTION:</b> Non-toxic. <b>SKIN:</b> Non-hazardous. <b>EYES:</b> No specific hazard known. Contact may cause transient irritation. <b>INHALATION:</b> Low hazard for usual laboratory handling.
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Emergency and First Aid Procedures	<b>INHALATION:</b> Remove to fresh air. <b>EYES:</b> Flush thoroughly with water. If irritation persists, get medical attention.
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## SECTION VI REACTIVITY DATA

Stability	Unstable	X	Conditions to Avoid	Excessive heat, sparks, and flame.
	Stable			

Incompatibility (Materials to Avoid)	Powerful oxidizing agents such as perchloric acid.
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Hazardous Decomposition Products	Combustion will produce carbon dioxide and/or carbon monoxide.
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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	Recover for use if not contaminated. Sweep up and place in a suitable container for proper disposal. Wash spill area with soap and 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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	Uncontaminated material may be disposed of in a sanitary landfill or dispose of in an approved incinerator.
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## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory use. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask.
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	None required.	Eye Protection	Chemical safety glasses
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Other Protective Equipment	Safety glasses, lab coat, fire extinguisher, and eye wash station.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a dry location where temperature is moderate (not over 150°F). Keep container tightly closed when not in use.
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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. Remove and wash contaminated clothing.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date 2/4/99	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	CELLULOSE, POWDER
Chemical Synonyms	Carbohydrate
Formula	(C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub>
Unit Size	up to 2.5 kg
C.A.S. No.	9004-34-6

CHEMTREC  
800-424-9300  
Day 716-226-6177

NFPA HAZARD RATING  
LEAST SLIGHT MODERATE HIGH EXTREME  
0 1 2 3 4

Health	0
Fire	2
Reactivity	0

HMIS \*

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Cellulose, Powder	100%	None established.

WARNING! FLAMMABLE AS DUST. DUST DISPERSED IN	
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AIR MAY CONSTITUTE A FIRE OR EXPLOSION HAZARD.	
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## SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes on heating.	Specific Gravity (H <sub>2</sub> O = 1)	1.55
Boiling Point (°F)	Chars on heating.	Percent Volatile by Volume (%)	5-7% (by weight)
Vapor Pressure (mm Hg)	Non-volatile solid.	Evaporation Rate ( =1)	Non-volatile (NA).
Vapor Density (Air=1)	Non-volatile solid.		
Solubility in Water	Insoluble.		
Appearance & Odor	White, fibrous powder; slight characteristic odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
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Extinguisher Media	Water; carbon dioxide (CO <sub>2</sub> ); dry chemical (ABC).
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## SPECIAL FIREFIGHTING PROCEDURES

None. Burning properties similar to those of paper. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

Ignition Point approximately: 232°C (450°F)

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Dust explosions are possible if material and air are mixed in definite proportions and ignited.

D.O.T.	NON-REGULATED.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20