



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. CC 235
Effective Date February 4, 1999

SECTION V HEALTH HAZARD DATA

CC 235

Threshold Limited Value

TWA: 10 mg/m³ as Cellulose (9004-34-6) by ACGIH 1992-93.

Effects of Overexposure

None expected. It is generally accepted that Cellulose Acetate is physiologically inert and not absorbed from the intestinal tract nor degraded to any significant degree.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.
SKIN: Wash thoroughly with soap and water. **INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** Call physician or Poison Control Center. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Strong oxidizing materials.
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Hazardous Decomposition Products	As with any organic material, combustion will produce carbon dioxide and probably carbon monoxide.
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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	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.
	Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling. If dusty condition prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask.			
Ventilation	Local Exhaust	If needed to control dust.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	None should be needed.	Eye Protection	Chemical safety glasses.	

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 cool, dry place. Wash thoroughly after handling. 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. The mixing of Cellulose Acetate in a nonpolar hydrocarbon, such as Toluene or Xylene, may result in the buildup of static electricity which can cause a flash fire or an explosion. This risk can be reduced by use of conductive solvent in combination with the hydrocarbon or an antistatic additive.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 4	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 ACETATE
Chemical Synonyms	Cellulose Acetate
Formula	Polymer
Unit Size	up to 2.5 Kg.
C.A.S. No.	9004-35-7

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

Health	0
Fire	2
Reactivity	0

NFPA HAZARD RATING

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

HMIS *

SECTION II INGREDIENTS OF MIXTURES

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

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

SECTION III PHYSICAL DATA

Melting Point (°F)	Chars on heating.	Specific Gravity (H ₂ O = 1)	1.23 -1.26
Boiling Point (°F)	Chars on heating.	Percent Volatile by Volume (%)	Non-volatile solid.
Vapor Pressure (mm Hg)	Non-volatile solid.	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	Non-volatile solid.		
Solubility in Water	Negligible.		
Appearance & Odor	White powder or flake; practically no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; carbon dioxide (CO ₂); dry chemical (ABC).				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

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.

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