



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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(716) 226-6177

MSDS No. PP 118
Effective Date April 8, 1999

SECTION V HEALTH HAZARD DATA

PP 118

Threshold Limited Value

None established (ACGIH 1992-93).

Effects of Overexposure

Contact with eyes causes mild irritation and discomfort. Inhalation of dust may cause irritation to upper respiratory tract. Product is absorbed through skin and may cause nausea, headache and general discomfort.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, rinse mouth with water and call physician. Never give anything by mouth to an unconscious person.
INHALATION: Remove to fresh air. If discomfort develops, get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Flush with water, then wash with mild soap and water.

SECTION VI REACTIVITY DATA

Stability	Unstable	Stable	Conditions to Avoid
		X	Heat, flame, other sources of ignition.

Incompatibility (Materials to Avoid)	Strong oxidizing agents, reactive metals (sodium, calcium, zinc), sodium or calcium hypochlorite, peroxides.
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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	Reclaim if possible. Carefully sweep up without producing dust and place in a suitable container for disposal. Flush spill area with water. Surfaces subject to spills or dusting can become very slippery when wet. Use caution.
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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 equipped with an afterburner and scrubber or contract with a licensed waste disposal service..

SECTION VIII SPECIAL PROTECTION INFORMATION

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

Protective Gloves	Rubber, if gross contact likely.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Lab coat, apron, goggles, proper gloves, eye wash station, fire extinguisher, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Avoid dusting conditions. Keep container tightly closed. Suitable for any general chemical storage area. Wash thoroughly after handling.
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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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Exercise appropriate procedures to minimize potential hazards. Do not get in eyes, on skin or clothing. Remove and wash contaminated clothing. Avoid breathing vapor. Use with adequate ventilation.

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

Revision No. 6	Date 4/8/99	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	POLYVINYL ALCOHOL
Chemical Synonyms	PVA, PVOH
Formula	Mixture
Unit Size	up to 2.5 Kg.
C.A.S. No.	Mixture.

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0

0

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

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

Health 1
Fire 1
Reactivity 0

HMIS *
HIGH EXTREME
3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Polyvinyl alcohol: (CAS No. 9002-89-5)	95 %	None established.
Sodium acetate, anhydrous: (CAS No. 127-09-3)	< 3 %	None established.
Methyl alcohol: (CAS No. 67-56-1)	< 3 %	TLV=200 ppm, TWA
Water: (CAS No. 7732-18-5)	< 2 %	None established.

CAUTION! NUISANCE DUST. CAUSES EYE IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Softens on heating.	Specific Gravity (H ₂ O = 1)	1.26 at 20°C
Boiling Point (°F)	Decomposes @ 200°C (392°F)	Percent Volatile by Volume (%)	Non-volatile.
Vapor Pressure (mm Hg)	Solid - not applicable.	Evaporation Rate (=1)	Solid - not applicable.
Vapor Density (Air=1)	No data.		
Solubility in Water	Appreciable (more than 10%).		
Appearance & Odor	White powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-combustible.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media	Use water spray; alcohol foam; dry chemical or carbon dioxide.
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SPECIAL FIREFIGHTING PROCEDURES

Firefighters should wear proper protective equipment and a NIOSH/MSHA approved self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Polyvinyl alcohol powder forms an explosive mixture in air. The powder can explode if mixed in air and ignited in confined space.

D.O.T. NON-REGULATED.

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