



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. SS 963
Effective Date November 20, 1998

SECTION V HEALTH HAZARD DATA

SS 963

Threshold Limited Value

Nuisance Particulates - TWA = 10 mg/m³ (ACGIH 1992-93);
5 mg/m³ OSHA TWA (Respirable dust).

Effects of Overexposure

Minimal. Dust may be irritating to nose and eyes. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If symptoms of illness develop, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water, lifting lower and upper eyelids occasionally. If irritation develops, get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature or heat. Practices which produce dust.
	Stable	X		

Incompatibility (Materials to Avoid)	Oxidizing agents (Fire and explosion hazard).
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Hazardous Decomposition Products	Combustion will produce carbon dioxide, smoke and probably emits 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	Recover for use if not contaminated. Sweep up, avoiding production of dust and place in a suitable container for proper disposal.
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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. Uncontaminated material may be disposed of in a sanitary landfill or incinerate.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory use. If dusty, work in ventilation hood or wear an approved NIOSH/MSHA dust mask or respirator.			
Ventilation	Local Exhaust	If dusty.	Special	No.
	Mechanical (General)	Explosive proof.	Other	Adequate to maintain below exposure limit.
Protective Gloves	Rubber - may cause irritation on long exposure.	Eye Protection	Chemical safety glasses.	

Other Protective Equipment	Lab coat, eye wash station, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from oxidizing agents. 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. Avoid contact with strong oxidizers, excessive heat, sparks or open flame. 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. 2	Date 11/20/98	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	STARCH BLEND	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 3 4
Chemical Synonyms	Starch Blend with Cabosil	
Formula	Mixture. See Section II.	
Unit Size	up to 4 Lt.	
C.A.S. No.	Mixture. See Section II.	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Silicon Dioxide, Amorphous: (CAS No. 112945-52-5)	1%	PEL: 20 mppcf
Starch, Potato	99%	See Section V.

CAUTION! NUISANCE DUST. LOW HAZARD FOR		
USUAL LABORATORY HANDLING.		

SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes on heating.	Specific Gravity (H ₂ O = 1)	1.50 at 20°C
Boiling Point (°F)	Decomposes on heating.	Percent Volatile by Volume (%)	13% maximum
Vapor Pressure (mm Hg)	Not applicable.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Negligible.		
Appearance & Odor	White powder; starch-like odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

SPECIAL FIREFIGHTING PROCEDURES

Combustible dust. Avoid procedures which would cause a dust cloud of the material to be formed. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Starch dust may form an explosive mixture with air. May burn but does not ignite readily. Avoid conditions which produce dust. 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