



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. SS 950
Effective Date October 2, 1998

SECTION V HEALTH HAZARD DATA

SS 950

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)	Data not listed.
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Hazardous Decomposition Products	None.
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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.
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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 fume hood or wear an NIOSH/MSHA-approved dust mask.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	Adequate to maintain below exposure limit.
Protective Gloves	Not needed.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Lab coat, eye wash station, ventilation hood.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from heat, sparks or open flame. 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. 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	10/2/98	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	STARCH, CORN	 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	Maize Starch	
Formula	(C ₆ H ₁₀ O ₅) _n	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	9005-25-8	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Starch, Corn	100%	See Section V.

CAUTION! NUISANCE DUST. LOW HAZARD FOR

USUAL LABORATORY HANDLING; NON-TOXIC

SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H ₂ O = 1)	1.45
Boiling Point (°F)	Not applicable.	Percent Volatile by Volume (%)	Data not listed.
Vapor Pressure (mm Hg)	Data not listed.	Evaporation Rate (≈1)	Data not listed.
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Negligible.		
Appearance & Odor	Dry white powder; bland odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable (NA).	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
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Extinguisher Media	Water spray; carbon dioxide (CO ₂); foam.				

SPECIAL FIREFIGHTING PROCEDURES

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.

Autoignition Temperature: 770°F (410°C) (cloud).

UNUSUAL FIRE AND EXPLOSION HAZARDS

Excessive dusts from grain products are potentially hazardous. Avoid excessive dusting, open flames, open lights or welding in area of dry product if bag dumping.

D.O.T. NON-REGULATED.

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