



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. SS 960  
Effective Date May 6, 1999

## SECTION V HEALTH HAZARD DATA

SS 960

**Threshold Limited Value** Nuisance Particulates - TWA = 10 mg/m<sup>3</sup> (ACGIH 1992-93);  
5 mg/m<sup>3</sup> 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

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

**Incompatibility (Materials to Avoid)** Data not listed.

**Hazardous Decomposition Products** None.

<b>Hazardous Polymerization</b>		<b>Conditions to Avoid</b>	Not applicable.
<b>May Occur</b>	<b>Will Not Occur</b>		
	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.

**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 incinerator equipped with an afterburner and scrubber.

## 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 NIOSH/MSHA-approved dust mask.

<b>Ventilation</b>	<b>Local Exhaust</b>	Recommended.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Recommended.	<b>Other</b>	Adequate to maintain below exposure limit.

<b>Protective Gloves</b>	Not needed.	<b>Eye Protection</b>	Chemical safety glasses.
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**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.  
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.

Remove and wash contaminated clothing.

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

<b>Revision</b> No. 4	<b>Date</b> 5/6/99	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	STARCH, POTATO	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4  <b>HMIS *</b> HEALTH FIRE REACTIVITY 0 1 0
<b>Chemical Synonyms</b>	Potato Starch	
<b>Formula</b>	(C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub>	
<b>Unit Size</b>	up to 2.5 Kg.	
<b>C.A.S. No.</b>	9005-25-8	

## SECTION II INGREDIENTS OF MIXTURES

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

**CAUTION! NUISANCE DUST. LOW HAZARD FOR USUAL LABORATORY HANDLING; NON-TOXIC**

## SECTION III PHYSICAL DATA

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

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

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