



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

221 Rochester Street
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MSDS No.: SS0940
Effective Date: April 4, 2005

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Starch, Soluble
Chemical Synonyms	Amylodextrin, Amylogen
Formula	(C ₆ H ₁₀ O ₅) _n
Unit Size	up to 2.5 Kg.
C.A.S. No.	9005-84-9



CHEMTREC
800-424-9300
Day 585-226-6177

NFPA

HAZARD RATING				
MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE
0	1	2	3	4

Health	0
Fire	1
Reactivity	0

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Starch, soluble	100%	See Section V.
CAUTION! NUISANCE DUST.		

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	5 g/100 ml @ 20°C.		
Appearance & Odor	Dry white powder; bland odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

SECTION V HEALTH HAZARD DATA SS0940

Threshold Limited Value	Nuisance Particulates - TWA = 10 mg/m ³ (ACGIH 2001); 5 mg/m ³ OSHA TWA (Respirable dust).
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Effects of Overexposure	Minimal. Dust may be irritating to nose and eyes. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.
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Emergency and First Aid Procedures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature or heat.
	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
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	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. Dispose of in an approved chemical waste landfill or contract with a licensed chemical waste disposal agency.
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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 a NIOSH/MSHA-approved dust mask.
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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.
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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 heat, sparks or open flame. Wash thoroughly after handling.
Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Remove and wash contaminated clothing.

D.O.T. NON-REGULATED.

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

Revision No. 8	Date 04/04/05	Approved Michael Raszeja	Chemical Safety Coordinator MR
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