

ALDON CORPORATION

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MSDS No. PP 10
Effective Date July 1, 1986

MATERIAL SAFETY DATA SHEET

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	PANCREATINT POWDER	CHEMTREC 800-424-9300 Day 716-226-6177 Night 716-394-4222	HEALTH 0 FIRE 1 REACTIVITY 0
Chemical Synonyms	Pancreatic Enzyme Concentrate		
Formula	Natural Product. (Not established.)	NFA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	
Unit(s) Size	30, 100, 500 grams		
C.A.S. No.	8049-47-6		

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)		%	TLV Units
Pancreatin (Powder)		100%	None established.

LOW HAZARD FOR USUAL LABORATORY HANDLING; NON-TOXIC.

SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes on heating.	Specific Gravity (H ₂ O = 1)	None listed.
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Non-volatile (NA).
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (n-Butyl Acetate = 1)	Non-volatile (NA).
Vapor Density (Air = 1)	Data not listed.		
Solubility in Water	Slight.		
Appearance & Odor	Cream colored powder; faint characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Combustible dust.	Flammable Limits in Air % by Volume	Unknown
Extinguisher Media	Water spray; dry chemical (ABC); carbon dioxide (CO ₂).		

SPECIAL FIREFIGHTING PROCEDURES
In fire conditions, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use flooding amounts of water in early stages of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may cause production of hazardous decomposition products. This material, like most organic materials in powder form, is capable of creating a dust explosion. Can react vigorously with oxidizing materials.

DOT NON-REGULATED

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

SECTION V HEALTH HAZARD DATA

Threshold Limited Value None established.

Effects of Overexposure **INHALATION:** Can cause allergic respiratory reaction. **EYES:** Causes irritation. **SKIN:** Causes irritation. Prolonged or repeated skin contact may result in an allergic skin reaction.

Emergency and First Aid Procedures **INHALATION:** Remove from exposure, treat symptomatically, and get medical attention. **EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if any symptoms are present after washing. **SKIN:** Immediately flush with plenty of water for at least 15 minutes and get medical attention if any symptoms are present after washing. **INGESTION:** None listed.

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SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperatures and heat.
Incompatibility (Materials to Avoid)	Stable	Strong oxidizers.	

Hazardous Decomposition Products Combustion will produce carbon dioxide and probably carbon monoxide. Oxides of nitrogen and sulfur may also be present.

Hazardous Polymerization May Occur Will Not Occur

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Carefully sweep up without producing dust and place spilled material in a suitable container for incineration. Wash spill area with soap and water.

Waste Disposal Method Dispose of in an approved incinerator equipped with an afterburner and scrubber or if uncontaminated material may be disposed of in a sanitary landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling. If dusty, work in hood or wear a standard NIOSH-approved particulate respirator.
Ventilation	Local Exhaust Recommended. Special No. Mechanical (General) Recommended. Other No.
Protective Gloves	Rubber if needed. Eye Protection Chemical safety glasses.

SECTION IX SPECIAL PRECAUTIONS

Other Protective Equipment Smock, apron, eye wash station, proper gloves, ventilation hood.

Precautions to be Taken In Handling & Storing Store in a cool, dry place. Pancreatin may absorb moisture on long-term storage under humidity conditions. Wash thoroughly after handling.

Other Precautions Fixed 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.

Rev. No. No. 2 Date 6/17/91 Approved Alexander A. Piccirilli Chemical Safety AP

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