



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. DD 25
Effective Date February 20, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	DIASTASE OF MALT	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS* Health 0 Fire 0 Reactivity 1
Chemical Synonyms	Maltin	
Formula	A mixture of enzymes.	
Unit Size	up to 2.5 kg.	
C.A.S. No.	9000-92-4	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Diastase Of Malt	100%	None established.

LOW HAZARD FOR USUAL LABORATORY HANDLING; NON-TOXIC.

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H ₂ O = 1)	Data not listed.
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Soluble in water with some turbidity.		
Appearance & Odor	Yellowish-white or tan color; characteristic odor. Hygroscopic.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	Lower	Upper
Extinguisher Media	Carbon dioxide; dry chemical; water spray.			

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

If Diastase of Malt is allowed to become air-borne as dust, explosive conditions may prevail. Avoid conditions which produce dust. Can react with oxidizing materials.

D.O.T. **NON-REGULATED.**

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

SECTION V HEALTH HAZARD DATA

DD 25

Threshold Limited Value

None established by (ACGIH 1992-93).

Effects of Overexposure

INHALATION: Low hazard for usual laboratory handling. **SKIN:** Low hazard for usual laboratory handling. **EYES:** No specific hazard known. Contact may cause transient irritation. **INGESTION:** Expected to be a low ingestion hazard.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation develops or persists, get medical attention. **INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention. **SKIN:** Flush with water. **INGESTION:** Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Can decompose at temperatures above 85°C.
	Stable	X		

Incompatibility (Materials to Avoid)	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	Conditions to Avoid	Not applicable.
May Occur		
		X

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Vacuum or sweep up and place in a suitable container for disposal. Avoid causing dusty conditions. Wash spill area with soap and water.
--	---

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 incinerator equipped with 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 conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.		
--	---	--	--

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Not needed.	Eye Protection	Chemical safety glasses.
--------------------------	-------------	-----------------------	--------------------------

Other Protective Equipment	Goggles, 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 strong oxidizing materials. Wash thoroughly after handling.
--	--

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.

Revision No. 5	Date 2/20/99	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.