



# MATERIAL SAFETY DATA SHEET

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MSDS No. 9451302 9451304  
Effective Date: September 20, 2002

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Diastase of Malt	416-984-3000  HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 WHMIS Health 0 Flammability 0 Reactivity 1
Chemical Synonyms	Maltin	
Formula	Mixture of Enzymes.	
CAS No.	9000-92-4	

## SECTION II DANGEROUS INGREDIENTS

Name	%	TLV Units
Diastase of Malt	100%	N/A
LOW HAZARD FOR USUAL LABORATORY HANDLING.		

## SECTION III PHYSICAL DATA

Melting Point (°C)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Boiling Point (°C)	Decomposes.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible.	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Soluble.		
Appearance & Odor	Yellowish-white solid; characteristic odor. Hygroscopic.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Firefighting Procedures	Use dry chemical, CO <sub>2</sub> , alcohol foam, or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.				

## Flammability and Explosion Hazards

Dust dispersed in air becomes explosive when exposed to ignition source.

## TDG Not controlled under TDG.

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## SECTION V REACTIVITY DATA DD0025

Chemical Stability	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	If no, under what conditions?
Incompatible with Other products	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Strong oxidizers.
Hazardous Decomposition Products	Carbon oxides, nitrogen oxides, sulfur oxides.		
Reactive under what conditions	Can decompose at temperatures above 85°C.		

## SECTION VI TOXICOLOGICAL PROPERTIES

Route of Entry	Ingestion. Inhalation.
TLV	N/A
Toxicity for animals	N/A
Chronic effects on humans	There is no known effects from chronic exposure to this product. Target organs: None known.
Acute effects on humans	May cause eye irritation, skin irritation.

## SECTION VII PREVENTIVE MEASURES

Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.
Storage	Keep container dry. Keep in a cool place. Keep container tightly closed. Refrigerate to ensure prolonged activity.
Precautions	Avoid contact with skin and eyes. DO NOT ingest. If ingested, seek medical advice immediately.
Spill or leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Wash spill area with soap and water.
Protective Clothing	Safety glasses, lab coat, dust respirator, gloves.

## SECTION VIII FIRST AID MEASURES

Specific first aid measures	Ingestion: Call physician or Poison Control Center immediately. Induce vomiting only if advised by the appropriate medical personnel. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention. Skin contact: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Allow victim to rest in a well ventilated area. Seek immediate medical attention.
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## SECTION IX PREPARATION OF THE MSDS

Rev. No.	2	Date	September 20, 2002	Approved	Michael Raszeja
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