



MATERIAL SAFETY DATA SHEET

PRODUCT NAME

Ulano[®]
ENZYME #1

SECTION I

Manufacturer's Name
ULANO CORPORATION
Address (Number, Street,
110 THIRD AVENUE
(City, State, ZIP Code)
BROOKLYN, NY. 11217
Signature of Preparer (optional)

Emergency Telephone Number
CHEMTREC: (800)424-9300 or (703)527-3887
Telephone Number for Information
(718)622-5200 Fax# : (718)802-1119
Date Prepared
MAY 1, 2000

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s)) INGREDIENTS	OSHA PEL	ACGIH TLV	Other limits Recommended	Hazard Type
PROTEASE ENZYME 100%	N.A	N.A	MATERIAL IS CONSIDERED NON HAZARDOUS	

THIS PRODUCT DOES NOT CONTAIN SARA TITLE III, SECTION 313 REPORTABLE MATERIAL

ULANO PRODUCTS ARE NOT MANUFACTURED WITH, NOR DO THEY CONTAIN CLASS-I OR CLASS-II OZONE DEPLETING CHEMICALS.

SECTION III - Physical/Chemical Characteristics

Boiling Point N.A.	Specific Gravity (H ₂ O=1) N.A.
Vapor Pressure (mm Hg.) N.A.	Melting Point N.A.
Vapor Density (AIR=1) N.A.	Evaporation Rate (H ₂ O=1) APPROXIMATELY 1 (pH IN WATER 6.7)
Solubility in Water SOLUBLE	
Appearance and Odor WHITE POWDER--MILD TYPICAL ENZYME ODOR	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
Extinguishing Media CO₂, DRY CHEMICAL, WATER FOG			
Special Fire Fighting Procedures NONE KNOWN			
Unusual Fire and Explosion Hazards DUST MAY PRESENT AN EXPLOSION HAZARD IF CONTACTED WITH SPARKS OR OTHER IGNITION SOURCES			

SECTION V - Reactivity Data

	Unstable	Stable
Stability		X
Conditions to Avoid AVOID IGNITION SOURCES AND HIGH HEAT		
Incompatibility (Material to Avoid) STRONG OXIDIZING AGENTS		
Hazardous Decomposition or Byproducts NONE KNOWN		
Hazardous Polymerization	May Occur	Will Not Occur X
Conditions to Avoid NONE KNOWN		
HMIS	Health [2]	Flammability [1]
		Reactivity [0]
		Personal Protection [C]

SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation? NO	Skin? NO	Ingestion? NO
Health Hazards (<i>Acute and Chronic</i>) NONE KNOWN			

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure RESPIRATORY IRRITATION			

Medical Condition Generally Aggravated by Exposure
INHALATION MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. DUST IN EYES MAY CAUSE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.

Emergency and First Aid Procedures
**INHALATION: MOVE TO FRESH AIR. SKIN CONTACT: WASH WITH SOAP AND WATER.
EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN IF IRRITATION IS PRESENT.**

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
SWEEP UP AND PLACE IN A CONTAINER FOR DISPOSAL.

Waste Disposal Method
**LANDFILL ACCORDING TO STATE AND LOCAL REGULATIONS.
DO NOT REUSE CONTAINER.**

Precautions to be Taken in Handling and Storing
**STORE IN COOL DRY PLACE, BELOW 70°F. FREEZING TEMPERATURES WILL NOT EFFECT ACTIVITY.
AVOID COPPER OR ALUMINUM STORAGE CONTAINERS**

Other Precautions
NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)
NIOSH APPROVED DUST MASK IF WORKING WITH LARGE QUANTITIES

Ventilation

Local Exhaust	Mechanical (<i>General</i>)	Special	Other
	X		
Protective Gloves YES		Eye Protection GOGGLES WITH SIDE SHIELDS	

Other Protective Clothing or Equipment
APRON OF IMPERVIOUS MATERIAL

Work / Hygienic Practices
NONE

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF ULANO CORP. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.