



# MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

**PRODUCT NAME: #1 ENZYME**

**Previous Issue: 1/31/2008**

**Date Prepared: June 30, 2008**

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **#1 ENZYME**  
 Company: ULANO® CORPORATION  
 110 Third Avenue  
 Brooklyn, NY 11217  
 Phone: 718-237-4700  
 Fax: 718-802-1119  
 Emergency contact: 1-800-424-9300 (CHEMTREC)

MSDS prepared by: Fred Widman

Recommended use: Screen cleaner for screenprinting screens

## 2. HAZARD IDENTIFICATION OF THE PREPARATION

This preparation is not classified as hazardous according to 29CFR 1910-1200.

Appearance / Odor: powder / mild enzyme odor

Potential Health Effects: See Section 11 for more information

Potential Health Effects Eyes

This product is not known to be irritating to the eyes. Avoid dust accumulation

Potential Health Effects: Skin

This product is not known to be irritating to skin. Avoid prolonged skin contact.

Potential Health Effects: Ingestion

Ingestion of this product is not known to result in adverse health effects.

Potential Health Effects: Inhalation

May cause sensitization in hypersensitive individuals. Avoid dust generation.

Target Organs: not known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: See Section 12 for more information.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials

Hazardous components:

EINECS-No	Name	Hazard	%content
CAS-No.	R-phrases		

n.a

### Additional information:

For full text of risk phrases see Section 16.

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**4. FIRST AID MEASURES****Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:**

If swallowed, rinse mouth and throat with water. Drink water.

**Skin Contact:**

Wash skin with soap and water. Get medical attention if irritation develops.

**Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation develops.

**5. FIRE-FIGHTING MEASURES**

Flammable: no

Means of extinction: treat surrounding fire

Unsuitable extinguishing media: Hard water stream

Flash point: n.a

Upper flammable limit: n.a

Explosion data impact: n.a

Lower flammable limit: n.a

Explosion data static: n.a

Hazardous combustion products: typical carbon oxygen compounds.

Fire fighters should wear SCBA for fighting fires in enclosed areas.

Autoignition temp: n.a

**6. ACCIDENTAL RELEASE MEASURES**

Do not empty large quantities directly into drains. Sweep up and collect material and proceed according to local waste disposal regulations.

**7. HANDLING AND STORAGE**

Keep container tightly closed and in a cool and well ventilated place.

Ensure adequate ventilation. Avoid contact with skin and eyes.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Occupational exposure limit:

CAS #

Name

OSHA TWA

ACGIH TWA

No exposure limits established for ingredients

**Engineering controls**

General- not required

Local exhaust- recommended

Other- none

**Personal Protection**

Gloves- recommended

Respirator- not required

Eye- protective goggles recommended

Protective footwear- not required

Protective clothing- not required

Other- none

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Form: powder  
Color: white  
Odor: mild enzyme aroma  
Flash point: n.a  
Ignition temperature: n.a  
Density: n.a  
Viscosity: unkown  
Explosion limits: n.a  
Boiling point: n.a  
Vapour density: n.a  
Vapour pressure: n.a  
Freezing point: n.a  
pH: n.a  
Coefficient of water/ oil distribution: soluble in water  
Volatile Organic Compounds: less than 0.1%

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**10. STABILITY AND REACTIVITY**

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Stable under recommended storage and handling conditions  
(see Section 7).  
Store as a non-hazardous liquid  
INCOMPATIBILITY: Avoid dust conditions

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**11. TOXICOLOGICAL INFORMATION**

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**Effects of acute exposure:****General information:**

Effects of acute exposure:  
Repeated or prolonged contact causes local irritation of skin and  
mucous membranes, particularly the eyes.  
Irritancy of product- possible  
Skin sensitization- none reported  
Respiratory sensitization- none known  
Carcinogenicity- no  
IARC- no  
ACGIH - no  
Reproductive toxicity - none known  
Teratogenicity - none known  
Embryotoxicity - none known  
Mutagenicity - none known  
Name of synergistic products/effects- none known

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**12. ECOLOGICAL INFORMATION**

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Do not empty large quantities into drains or release into open water.  
Do not store at public waste disposal sites.

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**13. WASTE DISPOSAL INFORMATION**

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Dispose of as a non-hazardous aqueous waste  
Empty container: scrap metal recycling or re-conditioning  
Soiled container: (treatment like product itself)

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**14. TRANSPORT INFORMATION**

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ADR/RID/DOT:	Class: Not regulated UN: n.a
Packaging group:	n.a
IMDG:	Class: not regulated EMS: n.a UN: n.a
Marine pollutant:	No
Packaging group:	n.a

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**15. REGULATORY INFORMATION**

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Global Inventories (components):

TSCA:	United States - included
DSL:	Canada - included
ENCS:	Japan - included
EINECS:	Europe - included

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material.

**Labeling**

n.a

**R-phrases:**

n.a

**S-phrases:**

n.a

**Special labeling:**

n.a

National Regulation for Germany:  
Water pollution class: 1

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**16. OTHER INFORMATION**

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**HMIS: Health 1, Flammability 1 (dust), Reactivity 0**

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Text of risk phrases mentioned in Section 2:

n.a

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

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