



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME

**ULANO® WATER-BASED INK WASH**

## SECTION I

Manufacturer's Name

**ULANO CORPORATION**

Emergency Telephone Number

**CHEMTREC (800)424-9300**

Address (Number, Street,)

**110 Third Avenue**

Telephone Number for Information

**(718)237-4700 Fax# (718)802-1119**

(City, State, ZIP Code)

**BROOKLYN, NY. 11217**

Date Prepared

**MAY 10, 2004**

Signature of Preparer (optional)

## SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

Ingredients	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
<b>WATER</b>	<b>7732-18-5</b>			<b>&lt;50%</b>	
<b>3-BUTOXYPROPAN-2-OL</b>	<b>5131-66-8</b>	<b>NOT SET</b>	<b>NOT SET</b>	<b>5 – 10%</b>	<b>IRRITANT</b>
<b>ETHOXYLATE POLYMER</b>		<b>NOT SET</b>	<b>NOT SET</b>	<b>0.5 - 5%</b>	<b>IRRITANT</b>
<b>THIS PRODUCT DOES NOT CONTAIN SARA TITLE III, SECTION 313 REPORTABLE MATERIAL</b>					

**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

**212°F**

Specific Gravity (H<sub>2</sub>O=1)

**APPROX. 1**

Vapor Pressure (mm Hg.)

**N.A.**

Melting Point

**N.A.**

Vapor Density (AIR=1)

**N.A.**

Evaporation Rate (H<sub>2</sub>O=1)

**APPROX. 1**

Solubility in Water

**SOLUBLE / DISPERSIBLE**

Appearance and Odor

**SLIGHTLY OPAQUE- NEARLY ODORLESS LIQUID**

## 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

**NON-FLAMMABLE**

Special Fire Fighting Procedures

**TREAT SURROUNDING FIRE**

Unusual Fire and Explosion Hazards

**NONE KNOWN**

## SECTION V - Reactivity Data

Unstable

Stable

Stability

**X**

Conditions to Avoid

**NONE KNOWN**

Incompatibility (Material to Avoid)

**NONE KNOWN**

Hazardous Decomposition or Byproducts

**NONE KNOWN**

May Occur

Will Not Occur

Hazardous Polymerization

**X**

Conditions to Avoid

**NONE KNOWN**

HMIS

Health [ 1 ]

Flammability [ 0 ]

Reactivity [ 0 ]

Personal Protection [ A ]

## SECTION VI - Health Hazard Data

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

Carcinogenicity:	NTP? <b>NO</b>	IARC Monographs? <b>NO</b>	OSHA Regulated? <b>NO</b>
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Signs and Symptoms of Exposure  
**OVER EXPOSURE CAN RESULT IN SKIN AND EYE IRRITATION.**

Medical Condition Generally Aggravated by Exposure  
**NONE KNOWN**

Emergency and First Aid Procedures  
**SKIN AND EYES: IN CASE OF CONTACT, FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION RESULTS, CALL A PHYSICIAN.**

### SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled  
**SMALL SPILLS CAN BE WASHED DOWN DRAIN. LARGE SPILLS SHOULD BE ABSORBED ONTO APPROPRIATE MEDIA.**

Waste Disposal Method  
**DISPOSE OF MEDIA IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.**

Precautions to be Taken in Handling and Storing  
**NONE KNOWN**

Other Precautions  
**NONE KNOWN**

### SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)  
**NONE REQUIRED**

#### Ventilation

Local Exhaust	Mechanical ( <i>General</i> )	Special	Other
<b>X</b>			

Protective Gloves <b>PLASTIC GLOVES</b>	Eye Protection <b>NIOSH APPROVED GOGGLES</b>
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Other Protective Clothing or Equipment  
**PROTECTIVE APRON**

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.