



MATERIAL SAFETY DATA SHEET

PRODUCT NAME

ULANO® WATER-BASED INK WASH

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

Telephone Number for Information

(718)622-5200 Fax# (718)802-1119

Date Prepared

MAY 10, 2001

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

Ingredients	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
WATER	7732-18-5			<50%	
3-BUTOXYPROPAN-2-OL	5131-66-8	NOT SET	NOT SET	5 - 10%	IRRITANT
ETHOXYLATE POLYMER		NOT SET	NOT SET	0.5 - 5%	IRRITANT
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

212°F

Specific Gravity (H₂O=1)

APPROX. 1

Vapor Pressure (mm Hg.)

N.A.

Melting Point

N.A.

Vapor Density (AIR=1)

N.A.

Evaporation Rate (H₂O=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? NO	Skin? NO	Ingestion? NO
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Health Hazards (*Acute and Chronic*)
NONE KNOWN

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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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
X			

Protective Gloves PLASTIC GLOVES	Eye Protection NIOSH APPROVED GOGGLES
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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.