



MATERIAL SAFETY DATA SHEET

PRODUCT NAME



925WR & 925WR/CL EMULSIONS (UN#1760 BASED ON DIAZO)

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)237-4700 Fax#: (718)802-1119
Date Prepared
MAY 1, 2004

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	NOT ESTAB	NOT ESTAB	~35%	
POLYVINYL ACETATE	9003-20-7	NOT ESTAB	NOT ESTAB	>35%	NON HAZARDOUS
POLYVINYL ALCOHOL	9002-89-5	NOT ESTAB	NOT ESTAB	<10%	NON HAZARDOUS
TSRN 80100215-5000P	TRADE SECRET	NOT ESTAB	NOT ESTAB		SLIGHT 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 (H ₂ O=1) 1.05-1.08
Vapor Pressure (mm Hg.) N.A.	Melting Point N.A.
Vapor Density (AIR=1) N.A.	Evaporation Rate (H ₂ O=1) APPROX. 1
Solubility in Water DILUTABLE	
Appearance and Odor PURPLE OR WHITE VISCOUS 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 AFTER SENSITIZING, EXPOSURE TO LIGHT WILL CAUSE THICKENING		
Incompatibility (Material to Avoid) NONE KNOWN		
Hazardous Decomposition or Byproducts NONE KNOWN		
Hazardous Polymerization	May Occur	Will Not Occur 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?	Skin?	Ingestion?
	NO	NO	NO

Health Hazards (*Acute and Chronic*)
NONE KNOWN

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

Signs and Symptoms of Exposure
NONE KNOWN

Medical Condition Generally Aggravated by Exposure
NONE KNOWN

Emergency and First Aid Procedures

EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. CONTACT A PHYSICIAN.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled

SMALL SPILLS MAY BE WASHED DOWN DRAIN. LARGE SPILLS SHOULD BE ABSORBED ONTO SUITABLE 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

Ventilation

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

Protective Gloves

NONE

Eye Protection

NONE

Other Protective Clothing or Equipment

APRON TO AVOID STAINING CLOTHES

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.



MATERIAL SAFETY DATA SHEET

PRODUCT NAME

ULANO® DIAZO SENSITIZER SYRUP UN1760

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

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

Date Prepared

MAY 1, 2004

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

Ingredients	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type	
PHOSPHORIC ACID	UN1805	7664-38-2	1mg/m³	1mg/m³	51%	CORROSIVE
THE ABOVE CHEMICAL IS REPORTABLE UNDER SARA TITLE III, SECTION 313						
P-DIAZO DIPHENYLAMINE SULFATE	4477-28-5	NOT SET	NOT SET	>40%	NON HAZARDOUS	
PARAFORMALDEHYDE	30525-89-4	NOT SET	NOT SET	~5%	IRRITANT	

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

SLOW DECOMPOSITION AT 244°F

Specific Gravity (H₂O=1)

1.5

Vapor Pressure (mm Hg.)

N.A.

Melting Point

N.A.

Vapor Density (AIR=1)

N.A.

Evaporation Rate (H₂O=1)

N.A.

Solubility in Water

SOLUBLE

Appearance and Odor

DARK BROWN SYRUP

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

CORROSIVE; WEAR PROTECTIVE CLOTHING

Unusual Fire and Explosion Hazards

NONE KNOWN

SECTION V - Reactivity Data

Unstable

Stable

Stability

X

Conditions to Avoid

EXPOSURE TO LIGHT WILL CAUSE DECOMPOSITION OF DIAZO SYRUP

Incompatibility (Material to Avoid)

MOST METALS AND STRONG CAUSTICS

Hazardous Decomposition or Byproducts

NONE KNOWN

May Occur

Will Not Occur

Hazardous Polymerization

X

Conditions to Avoid

HEAT AND LIGHT

HMIS

Health [2]

Flammability [0]

Reactivity [1]

Personal Protection [C]

SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
		X	X

Health Hazards (*Acute and Chronic*)

MAY CAUSE IRRITATION TO SKIN.

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

Signs and Symptoms of Exposure

IRRITATION OR BURNING SENSATION ON SKIN OR EYES

Medical Condition Generally Aggravated by Exposure

NONE KNOWN

Emergency and First Aid Procedures

SKIN: WASH EXPOSED AREA WITH WATER FOR AT LEAST 15 MINUTES. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. INGESTION: RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled

CONTAIN SPILL. WEAR PROTECTIVE CLOTHING. WASH WITH LARGE QUANTITIES OF WATER. ABSORB WITH NEUTRALIZING MEDIA.

Waste Disposal Method

FLUSH SMALL AMOUNTS DOWN SEWER. LARGE AMOUNTS, DISPOSE OF ABSORBED MATERIAL IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storing

AVOID EXPOSURE TO LIGHT AND HEAT AND CONTACT WITH METALS AND STRONG CAUSTICS. USE WITH ADEQUATE VENTILATION. DO NOT GET IN EYES OR ON SKIN OR CLOTHING.

Other Precautions

NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)

NONE

Ventilation

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

Protective Gloves

RUBBER GLOVES

Eye Protection

NIOSH APPROVED GOGGLES WITH SIDE SHIELDS

Other Protective Clothing or Equipment

SYNTHETIC APRON

Work / Hygienic Practices

USE PROTECTIVE EQUIPMENT AND HANDLE WITH CARE

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME

ULANO® COLOR ADDITIVE FOR 925WR/CL

SECTION I

Manufacturer's Name

ULANO CORPORATION

Emergency Telephone Number

CHEMTREC: (800)424-9300 or (703)527-3887

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BROOKLYN, NY. 11217

Date Prepared

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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
C.I. PIGMENT VIOLET 23	NONE ESTAB.	NOT SET	NOT SET	50%	NON HAZARDOUS
PROPYLENE GLYCOL	000057-55-6	NOT SET	NOT SET	12%	NON HAZARDOUS
WATER					

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

DISPERSIBLE

Appearance and Odor

ODORLESS PURPLE VISCOUS 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

EXPOSURE TO HIGH HEAT

Incompatibility (Material to Avoid)

NONE KNOWN

Hazardous Decomposition or Byproducts

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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? YES	Ingestion? YES
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Health Hazards (*Acute and Chronic*)

ACUTE: MAY CAUSE EYE OR SKIN IRRITATION.

CHRONIC: DYE CONTAINS PROPYLENE GLYCOL WHICH HAS BEEN REPORTED TO CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION WHEN ADMINISTERED ORALLY AND HAS BEEN REPORTED TO BE AN IN-VITRO MUTAGEN.

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

REDNESS OF SKIN OR BURNING OF EYES.

Medical Condition Generally Aggravated by Exposure

CAN CAUSE BIRTH DEFECTS IN HUMANS.

Emergency and First Aid Procedures

EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, CALL A PHYSICIAN. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. CALL A PHYSICIAN IF IRRITATION DEVELOPS. INGESTION: IF PERSON IS CONSCIOUS, GIVE WATER OR MILK TO DILUTE STOMACH CONTENTS. CONSULT A PHYSICIAN.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled

WEAR APPROPRIATE PERSONAL PROTECTION EQUIPMENT. CONTAIN SPILL, VENTILATE AREA AND ABSORB SPILL 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

WASH HANDS AFTER USING MATERIAL

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)

NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR WHEN TLV IS EXCEEDED.

Ventilation

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

CHEMICAL RESISTANT GLOVES

Eye Protection

NIOSH APPROVED SAFETY GLASSES

Other Protective Clothing or Equipment

PROTECTIVE APRON

Work / Hygienic Practices

WASH HANDS AFTER USING MATERIAL

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