



MATERIAL SAFETY DATA SHEET

PRODUCT NAME

ULANO
SLX® & ALX®, EMULSIONS

SECTION I

Manufacturer's Name
ULANO CORPORATION
Address (Number, Street,)
110 THIRD AVE.
(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	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
WATER				<60%	
TSRN 80100215-5008P	TRADE SECRET	NOT SET	NOT SET		MILD IRRITANT
POLYVINYL ACETATE	9003-20-7	NOT SET	NOT SET	~10%	NON HAZARDOUS
POLYESTER ACRYLATE OLIGOMER	TRADE SECRET	NOT SET	NOT SET		NON HAZARDOUS
TSRN 80100215-50001P	TRADE SECRET	NOT SET	NOT SET		NON HAZARDOUS
POLYVINYL ALCOHOL	9002-89-5	NOT SET	NOT SET	<10%	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 212+°F	Specific Gravity (H ₂ O=1) 1.1
Vapor Pressure (mm Hg.) N.A.	Melting Point N.A.
Vapor Density (AIR=1) N.A.	Evaporation Rate (H ₂ O=1) N.A.
Solubility in Water INFINITELY DISPERSIBLE IN WATER	
Appearance and Odor SLX® & ALX® VISCOUS VIOLET 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

Stability	Unstable	Stable	X
Conditions to Avoid UV RADIATION, HEAT, SUNLIGHT, PRESSURE			
Incompatibility (Material to Avoid) OXIDIZERS			
Hazardous Decomposition or Byproducts CARBON MONOXIDE, CARBON DIOXIDE, FORMIC ACID			
Hazardous Polymerization	May Occur	Will Not Occur	X
Conditions to Avoid HEAT, SUNLIGHT, UV RADIATION			
HMIS	Health [1]	Flammability [0]	Reactivity [0]
			Personal Protection [A]

SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation? NO	Skin? YES	Ingestion? NO
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Health Hazards (*Acute and Chronic*)

**EYE AND SKIN IRRITANT, CAN CAUSE DAMAGE TO EYES AND SKIN ON PROLONGED CONTACT.
CAN INDUCE ALLERGIC OR SENSITIZATION REACTION.**

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

REDDENING OF SKIN OR BURNING SENSATION IN EYES

Medical Condition Generally Aggravated by Exposure

ALLERGY, ECZEMA OR SKIN CONDITIONS

Emergency and First Aid Procedures

EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH EFFECTED AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS, 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 FLUSHED 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

KEEP AWAY FROM HEAT AND UV RADIATION

Other Precautions

NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)

NONE REQUIRED IF VENTILATION IS ADEQUATE

Ventilation

Local Exhaust	Mechanical (<i>General</i>)	Special	Other
X			
Protective Gloves		Eye Protection	
YES		NIOSH APPROVED GOGGLES	

Other Protective Clothing or Equipment

PROTECTIVE APRON

Work / Hygienic Practices

WASH HANDS PROMPTLY AFTER USING MATERIAL.

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 C SENSITIZER POWDER

SECTION I

Manufacturer's Name
ULANO CORPORATION
Address (Number, Street,
255 BUTLER ST.
(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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SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

Ingredients	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
BENZENEDIAZONIUM,4(PHENYLAMINO)	41432-19-3	15mg/m³	15mg/m³	Total Dust	Irritant
SULFATE 1:1 POLYMER WITH		5mg/m³	5mg/m³	Respirable Dust	
FORMALDEHYDE					

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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 (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) N.A.
Solubility in Water SOLUBLE	
Appearance and Odor YELLOW POWDER	

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 CARBON DIOXIDE OR DRY CHEMICAL			
Special Fire Fighting Procedures FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED, AIR BREATHING APPARATUS			
Unusual Fire and Explosion Hazards UNDER FIRE CONDITIONS, OXIDES OF CARBON, NITROGEN AND SULFUR WILL BE LIBERATED			

SECTION V - Reactivity Data

Stability	Unstable	Stable		
	X			
Conditions to Avoid IGNITION SOURCES, TEMPERATURES ABOVE 95°F AND ACTINIC LIGHT. DECOMPOSITION DOES NOT RESULT IN A HAZARDOUS CONDITION, ONLY EFFECTIVENESS DECREASES.				
Incompatibility (Material to Avoid) STRONG OXIDIZERS				
Hazardous Decomposition or Byproducts OXIDES OF CARBON, NITROGEN AND SULFUR DECOMPOSES AT 356°F				
Hazardous Polymerization	May Occur	Will Not Occur		
		X		
Conditions to Avoid STRONG OXIDIZERS				
HMIS	Health [2]	Flammability [3]	Reactivity [1]	Personal Protection [C]

SECTION VI - Health Hazard Data

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

Health Hazards (*Acute and Chronic*)

SKIN: MAY CAUSE SLIGHT IRRITATION WITH PROLONGED CONTACT. EYES: CORROSIVE TO EYES, MAY CAUSE SEVERE IRRITATION. INHALATION: MAY CAUSE IRRITATION OF MOUTH, THROAT AND RESPIRATORY TRACT. INGESTION: MAY BE HARMFUL IF INGESTED. INGESTION MAY CAUSE IRRITATION OF MOUTH, THROAT AND GI TRACT.

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

Signs and Symptoms of Exposure

IRRITATION OF EYES, OR MOUTH

Medical Condition Generally Aggravated by Exposure

NONE KNOWN

Emergency and First Aid Procedures

EYES AND SKIN: WASH EFFECTED AREAS WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION OCCURS

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled

WASH DOWN WITH WATER

Waste Disposal Method

DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS

Precautions to be Taken in Handling and Storing

STORE IN A COOL DRY AREA

Other Precautions

MIX UNDER YELLOW OR SUBDUED LIGHT

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)

NIOSH APPROVED DUST MASK IF USING LARGE QUANTITIES

Ventilation

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

Protective Gloves

PLASTIC GLOVES

Eye Protection

NIOSH APPROVED GOGGLES

Other Protective Clothing or Equipment

PROTECTIVE APRON

Work / Hygienic Practices

WASH HANDS AFTER HANDLING MATERIAL

