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ULANO

MATERIAL SAFETY DATA SHEET

PRODUCT NAME

ULANO

PROCLAIM & PROCLAIM/CL EMULSIONS

SECTION I

Manufacturer's Name ULANO CORPORATION	Emergency Telephone Number CHEMTREC: (800)424-9300 or (703)527-3887
Address (Number, Street) 110 THIRD AVENUE	Telephone Number for Information (718) 237-4700, Fax#: (718) 802-1119
Address (City, State, ZIP Code) BROOKLYN, NY 11217	Date Prepared September 13, 2004
Signature of Preparer (optional)	

SECTION II: INGREDIENTS/IDENTITY INFORMATION

Ingredients (Specific Chemical Identity; Common Name(s))	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
TSRN 80100215-5008P	TRADE SECRET	NOT SET	NOT SET		MILD IRRITANT
POLYVINYL ALCOHOL	9002-89-5	NOT SET	NOT SET	<10%	NON HAZARDOUS
POLYVINYL ACETATE	9003-20-7	NOT SET	NOT SET	>10%	NON-HAZARDOUS
TSRN 80100215-5001P	TRADE SECRET	NOT SET	NOT SET		NON-HAZARDOUS
ACRYLATE	NOT ESTAB.	NOT SET	NOT SET	<10%	MILD IRRITANT

WATER

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.) 23.3 mbar	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 BLUE 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

Stability	Unstable	Stable		
		X		
Conditions to Avoid UV RADIATION, HEAT, SUNLIGHT				
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, UV RADIATION, SUNLIGHT				
Hazardous Materials Identification Scheme (HMIS)	Health 1	Flammability 0	Reactivity 0	Personal Protection A

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SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	NO	YES	NO

Health Hazards (*Acute and Chronic*)
EYE AND SKIN IRRITANT. CAN CAUSE IRREVERSIBLE DAMAGE TO EYES OR SKIN ON PROLONGED CONTACT. CAN INDUCE ALLERGIC OR SENSITIZATION REACTION.

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

Signs and Symptoms of Exposure
REDDENING OF SKIN OR BURNING SENSATION IN EYES

Medical Condition Generally Aggravated by Exposure
ALLERGIES, ECZEMA OR SKIN CONDITIONS

Emergency and First Aid Procedures
EYES: FLUSH WITH LARGE QUANTITIES OF WATER, CONSULT A PHYSICIAN. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. IF IRRITATION OCCURS, 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 SEWER. LARGE SPILLS SHOULD BE ABSORBED ONTO SUITABLE MEDIA.

Waste Disposal Method
MEDIA SHOULD BE DISPOSED OF 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 ADEQUATE VENTILATION IS PROVIDED.

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
		X		

Protective Gloves
YES

Eye Protection
NIOSH APPROVED SAFETY GLASSES OR GOGGLES

Other Protective Clothing or Equipment
PROTECTIVE APRON

Work / Hygienic Practices
WASH HANDS PROMPTLY AFTER HANDLING MATERIAL.

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF, THE ULANO CORPORATION MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

ULANO
MATERIAL SAFETY DATA SHEET

PRODUCT NAME

ULANO
DIAZO C SENSITIZER POWDER

SECTION I

Manufacturer's Name ULANO CORPORATION	Emergency Telephone Number CHEMTREC: (800)424-9300 or (703)527-3887
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 1, 2004
Signature of Preparer (optional)	

SECTION II: INGREDIENTS/IDENTITY INFORMATION

Ingredients (Specific Chemical Identity; Common Name(s))	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
BENZENEDIAZONIUM, 4(PHENYLAMINO) SULFATE, 1:1 POLYMER WITH FORMALDEHYDE	41432-19-3	10 mg/m³	10 mg/m³	100%	IRRITANT
(COMPOUND ALSO LISTED AS 4-DIAZODIPHENYLAMINE SULFATE, FORMALDEHYDE POLYMER)		5 mg/m³	5 mg/m³	Respirable Dust	

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 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.
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Extinguishing Media
CARBON DIOXIDE OR DRY CHEMICAL

Special Fire Fighting Procedures
AS ALWAYS, FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED, SUPPLIED-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 X	Stable
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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
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Conditions to Avoid
STRONG OXIDIZERS

Hazardous Materials Identification Scheme (HMIS)	Health 2	Flammability 3	Reactivity 1	Personal Protection C
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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 AFFECTED 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 DUST CONCENTRATIONS EXCEEDS EXPOSURE LIMITS

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

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME


COLOR ADDITIVE FOR PROCLAIM/CL

SECTION I

Manufacturer's Name ULANO CORPORATION	Emergency Telephone Number CHEMTREC: (800)424-9300 or (703)527-3887
Address (Number, Street.) 110 THIRD AVE.	Telephone Number for Information (718)237-4700 Fax#: (718)802-1119
(City, State, ZIP Code) BROOKLYN, NY. 11217	Date Prepared MAY 1, 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
PHTHALO BLUE	147-14-8	NOT SET	NOT SET	16%	IRRITANT
PROPYLENE GLYCOL	57-55-6	NOT SET	NOT SET	6%	NON HAZARDOUS
WATER	7723-18-5			~78%	
PTHALO BLUE CONTAINS 3.4% COPPER WHICH IS REPORTABLE UNDER SARA TITLE III, SECTION 313.					

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	Specific Gravity (H ₂ O=1)
N.A.	APPROX. 1
Vapor Pressure (mm Hg.)	Melting Point
N.A.	N.A.
Vapor Density (AIR=1)	Evaporation Rate(H ₂ O=1)
N.A.	1
Solubility in Water	
DISPERSIBLE	
Appearance and Odor	
BLUE LIQUID	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N.A.	N.A.	N.A.	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				
NONE KNOWN				
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 [C]

SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation? NO	Skin? YES	Ingestion? NO
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Health Hazards (Acute and Chronic)
MAY CAUSE IRRITATION TO SKIN OR EYES

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
NONE KNOWN

Emergency and First Aid Procedures
WASH EFFECTED AREA WITH LARGE QUANTITIES OF WATER. CALL PHYSICIAN IF IRRITATION OCCURS

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
WASH SMALL AMOUNTS DOWN SEWER. 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 N.A.	Mechanical (General) N.A.	Special N.A.	Other N.A.
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Protective Gloves PLASTIC GLOVES	Eye Protection NIOSH APPROVED GOGGLES
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Other Protective Clothing or Equipment
PROTECTIVE APRON TO AVOID STAINING CLOTHES

Work / Hygienic Practices
NONE KNOWN

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