



MATERIAL SAFETY DATA SHEET

PRODUCT NAME**SCREEN EMULSIONS 569, 569CL AND 569 FAST****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			>50%	
TSRN 80100215-5001P	TRADE SECRET				NON HAZARDOUS
POLYVINYL ALCOHOL	9002-89-5	N.A.	N.A.	~10%	NON HAZARDOUS
TSRN 80100215-5002P	TRADE SECRET				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+°FSpecific Gravity (H₂O=1)**1.05-1.08**

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

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

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?	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: IN CASE OF CONTACT, FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION OCCURS, CALL 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

MEDIA SHOULD BE DISPOSED OF 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

NONE REQUIRED

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.



MATERIAL SAFETY DATA SHEET

PRODUCT NAME**DIAZO C SENSITIZER POWDER****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
BENZENEDIAZONIUM,4(PHENYLAMINO)	41432-19-3	15mg/m³	15mg/m³	Total Dust	Irritant
SULFATE 1:1 POLYMER WITH		5mg/m³	5mg/m³	Restorable Dust	
FORMALDEHYDE					

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°FSpecific Gravity (H₂O=1)**N.A.**

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

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**

Unstable

Stable

Stability

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

May Occur

Will Not Occur

Hazardous Polymerization

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

<u>Ventilation</u>			
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**569CL EMULSION COLOR ADDITIVE****SECTION I**

Manufacturer's Name ULANO CORPORATION	Emergency Telephone Number CHEMTREC: (800) 424-9300 or (703) 527-3887
Address (Number, Street, City, State, ZIP Code) 110 THIRD AVENUE BROOKLYN, NY. 11217	Telephone Number for Information (718) 237-4700 Fax#: (718) 802-1119
Signature of Preparer (optional)	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
CARBAZOLE VIOLET	6358-30-1	NOT SET	NOT SET	~1%	MILD IRRITANT
PROPYLENE GLYCOL	57-55-6	NOT SET	NOT SET	~1%	NON HAZARDOUS
PHTHALO BLUE	147-14-8	NOT SET	NOT SET	<1%	MILD IRRITANT
WATER	7732-18-5			~98%	
PHTHALO 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 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 PURPLE 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 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 [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*)
MAY CAUSE IRRITATION TO SKIN AND EYES

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
NONE KNOWN

Emergency and First Aid Procedures
EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, CONTACT A PHYSICIAN.
SKIN: WASH EXPOSED 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 CAN BE RINSED 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
AVOID EXCESSIVE CONTACT

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)
NONE

Ventilation

Local Exhaust	Mechanical (<i>General</i>)	Special	Other NONE
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Protective Gloves PLASTIC GLOVES	Eye Protection NIOSH APPROVED SAFETY GLASSES
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Other Protective Clothing or Equipment
PROTECTIVE APRON

Work / Hygienic Practices
WASH HANDS THOROUGHLY AFTER USING MATERIAL.

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