

Product: 569 / 569CL DIRECT EMULSION

Date: 10/25/2007

Revision date: 1/21/2010

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## 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **569 / 569CL DIRECT EMULSION**

Company: ULANO CORPORATION

110 Third Avenue

Brooklyn, NY 11217

Phone: 718-237-4700

Emergency contact: 1-800-424-9300 (CHEMTREC)

Supplier: Screentec Corporation  
930 West Port Crescent

Mississauga, ONT

L5T 1G1 Canada

Phone: (905) 670-7042

Fax: (905) 670-7046

MSDS Prepared by: Fred Widman

Recommended use: Direct emulsion for screenprinting stencils

## 2. HAZARDS IDENTIFICATION OF THE PREPARATION

Potential Health Effects: Eyes

This product may be irritating to eyes

Potential Health Effects: Skin

No known instances of skin irritation

No absorption expected

Potential Health Effects: Ingestion

No acute effects expected

Potential Health Effects: Inhalation

Inhalation of mists of this product may be irritating to the respiratory system.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is classified as a non-hazardous material.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This preparation is not known to contain hazardous substances

## 4. FIRST AID MEASURES

### After skin contact:

Clean thoroughly with soap and water.

### After eye contact:

Remove contact lenses; keep eyelid open, rinse under running water for at least 10 minutes. If irritation continues, seek medical advice.

### After ingestion:

Do not induce vomiting - seek medical advice. If unconscious, do not administer anything orally. Place in stable side position and seek medical advice. If breathing is irregular or has stopped, apply artificial respiration.

### After Inhalation:

If symptoms are experienced, remove from source of contamination or move victim to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice.

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## 5. FIRE-FIGHTING MEASURES

Flammable – No  
Flash Point – N.A.  
Explosion Data, Impact – N.A.  
Explosion Data, Static – N.A.  
Hazardous Combustion Products – Typical carbon oxygen compounds  
Autoignition Temp – N.A.

Means of extinction – adapt to surrounding fire  
Upper Flammable Limit – N.A.  
Lower Flammable Limit – N.A.

## 6. ACCIDENTAL RELEASE MEASURES

Do not empty into drains. Collect with liquid absorbing material and proceed according to local waste disposal regulations.

## 7. HANDLING AND STORAGE

Keep container tightly closed in a cool, dark and well ventilated place. Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits: None Known  
**Engineering controls:** Not required with normal use

### Personal Protection:

Protective gloves recommended  
Goggles recommended  
Protective clothing: None required  
Other: None known

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: viscous liquid  
Colour: purple / white  
Odour: mild  
Flash point: not applicable  
Ignition temperature n.a  
Density: ~1.10 g/cm<sup>3</sup>  
Viscosity: ~6,000 cps @ 20°C (sensitized)  
pH value: 4.2-5.8  
Vapor pressure: 23.3 mbar  
Evaporation rate: not available  
Boiling point: ~100°C  
Coefficient of water/oil distribution: Not available

## 10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see Section 7).  
Incompatibility – None known  
Reactivity – Cross-links with ultraviolet light when dry  
Hazardous decomposition products – Not known to decompose with normal use

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## 11. TOXICOLOGICAL INFORMATION

Effects of acute exposure – None known

LD<sub>50</sub> of all ingredients >5000 mg/kg

Effects of chronic exposure – None known

Eye contact - may cause local irritation.

Irritancy of product – mild

Respiratory sensitization – None known

Skin sensitization – possible but, never experienced

Carcinogenicity – Not known to be carcinogenic

IARC – No

ACGIA – No

Reproductive Toxicity – None Known

Teratogenicity – None Known

Embryotoxicity – None Known

Mutagenicity – None Known

Name of synergistic products/effects – None Known

## 12. ECOLOGICAL INFORMATION

Do not enter product in its original concentration into drains or open waters.

Do not store at public waste disposal sites.

In case of conduction into adapted biological purification plants  
no disturbances need be expected.

The preparation has been estimated by conventional method (calcu-  
procedure) of EG directive 1999/45/EG) and is classified as  
non-hazardous for the environment.

## 13. WASTE DISPOSAL INFORMATION

Dispose of in accordance with local, provincial (state) and federal regulations.

Empty container: scrap metal recycling or re-conditioning

Soiled container: treatment like product itself

## 14. TRANSPORT INFORMATION

This product is not classified as hazardous material according to USDOT, ADR,  
RID, IMDG and IATA.

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the  
Controlled Products Regulations (CPR) and the MSDS contains all of information  
required by the CPR, and it is classified as a non-hazardous material.

All ingredients are listed on the TSCA registry.

**Labeling** (acc. to 91/155/EEC): (not applicable)

Water pollution class: 1

**VOC'S less than 0.1%**

## 16. OTHER INFORMATION

HMIS: Health 1, Flammability 0, Reactivity 0

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## 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **569CL COLOR ADDITIVE SOLUTION**

Company: ULANO CORPORATION

110 Third Avenue  
Brooklyn, NY 11217

Phone: 718-237-4700

Emergency contact: 1-800-424-9300 (CHEMTREC)

Supplier: Screentec Corporation  
930 West Port Crescent

Mississauga, ONT  
L5T 1G1 Canada

Phone: (905) 670-7042

Fax: (905) 670-7046

MSDS Prepared by: Fred Widman

Recommended use: Pigment dispersion for 569CL Direct Emulsion

## 2. HAZARDS IDENTIFICATION OF THE PREPARATION

Potential Health Effects: Eyes

This product may be irritating to eyes

Potential Health Effects: Skin

No known instances of skin irritation

No absorption expected

Potential Health Effects: Ingestion

No acute effects expected

Potential Health Effects: Inhalation

Inhalation of mists of this product may be irritating to the respiratory system.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This preparation is not known to contain hazardous substances

## 4. FIRST AID MEASURES

### After skin contact:

Clean thoroughly with soap and water.

### After eye contact:

Remove contact lenses; keep eyelid open, rinse under running water for at least 10 minutes. If irritation continues, seek medical advice.

### After ingestion:

Do not induce vomiting - seek medical advice. If unconscious, do not administer anything orally. Place in stable side position and seek medical advice. If breathing is irregular or has stopped, apply artificial respiration.

### After Inhalation:

If symptoms are experienced, remove from source of contamination or move victim to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice.

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## 5. FIRE-FIGHTING MEASURES

Flammable – No  
Flash Point – N.A.  
Explosion Data, Impact – N.A.  
Explosion Data, Static – N.A.  
Hazardous Combustion Products – Typical carbon oxygen compounds  
Autoignition Temp – N.A.

Means of extinction – adapt to surrounding fire  
Upper Flammable Limit – N.A.  
Lower Flammable Limit – N.A.

## 6. ACCIDENTAL RELEASE MEASURES

Do not empty into drains. Collect with liquid absorbing material and proceed according to local waste disposal regulations.

## 7. HANDLING AND STORAGE

Keep container tightly closed in a cool, dark and well ventilated place. Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits: None Known

**Engineering controls:** Not required with normal use

**Personal Protection:**

Protective gloves recommended

Goggles recommended

Protective clothing: None required

Other: None known

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid  
Colour: purple  
Odour: mild  
Flash point: not applicable  
Ignition temperature n.a  
Density: ~1.00 g/cm<sup>3</sup>  
Viscosity: ~ same as water  
pH value: unknown  
Vapor pressure: same as water  
Evaporation rate: not available  
Boiling point: ~100°C  
Coefficient of water/oil distribution: Not available

## 10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions  
(see Section 7).

Incompatibility – None known

Reactivity – None known

Hazardous decomposition products – Not known to decompose with normal use

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## 11. TOXICOLOGICAL INFORMATION

Effects of acute exposure – None known

LD<sub>50</sub> of all ingredients >5000 mg/kg

Effects of chronic exposure – None known

Eye contact - may cause local irritation.

Irritancy of product – mild

Respiratory sensitization – None known

Skin sensitization – possible but, never experienced

Carcinogenicity – Not known to be carcinogenic

IARC – No

ACGIA – No

Reproductive Toxicity – None Known

Teratogenicity – None Known

Embryotoxicity – None Known

Mutagenicity – None Known

Name of synergistic products/effects – None Known

## 12. ECOLOGICAL INFORMATION

Do not enter product in its original concentration into drains or open waters.

Do not store at public waste disposal sites.

In case of conduction into adapted biological purification plants  
no disturbances need be expected.

The preparation has been estimated by conventional method (calcu-  
procedure) of EG directive 1999/45/EG) and is classified as  
non-hazardous for the environment.

## 13. WASTE DISPOSAL INFORMATION

Dispose of in accordance with local, provincial (state) and federal regulations.

Empty container: recycling or re-conditioning

Soiled container: treatment like product itself

## 14. TRANSPORT INFORMATION

This product is not classified as hazardous material according to USDOT, ADR,  
RID, IMDG and IATA.

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the  
Controlled Products Regulations (CPR) and the MSDS contains all of information  
required by the CPR, and it is not classified as a hazardous material.

All ingredients are listed on the TSCA registry.

**Labeling** (acc. to 91/155/EEC): (not applicable)

Water pollution class: 1

**VOC'S less than 0.1%**

## 16. OTHER INFORMATION

HMIS: Health 1, Flammability 0, Reactivity 0

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## 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **DIAZO-C SENSITIZER POWDER**

Company: ULANO CORPORATION

110 Third Avenue  
Brooklyn, NY 11217

Phone: 718-237-4700

Emergency contact: 1-800-424-9300 (CHEMTREC)

Supplier: Screentec Corporation  
930 West Port Crescent  
Mississauga, ONT  
L5T 1G1 Canada

Phone: (905) 670-7042

Fax: (905) 670-7046

MSDS Prepared by: Fred Widman

Recommended use: Screenprinting screen fabric degreasing compound

## 2. HAZARDS IDENTIFICATION OF THE PREPARATION

Potential Health Effects: Eyes

This product may be irritating to eyes

Potential Health Effects: Skin

No known instances of skin irritation

No absorption expected

Potential Health Effects: Ingestion

No acute effects expected

Potential Health Effects: Inhalation

Inhalation of mists of this product may be irritating to the respiratory system.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This preparation is not known to contain hazardous substances

## 4. FIRST AID MEASURES

### After skin contact:

Clean thoroughly with soap and water.

### After eye contact:

Remove contact lenses; keep eyelid open, rinse under running water for at least 10 minutes. If irritation continues, seek medical advice.

### After ingestion:

Induce vomiting - seek medical advice. If unconscious, do not administer anything orally. Place in stable side position and seek medical advice. If breathing is irregular or has stopped, apply artificial respiration.

### After Inhalation:

If symptoms are experienced, remove from source of contamination or move victim to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice.

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## 5. FIRE-FIGHTING MEASURES

Flammable – No  
Flash Point – N.A.  
Explosion Data, Impact – N.A.  
Explosion Data, Static – N.A.  
Hazardous Combustion Products – Typical carbon oxygen compounds  
Autoignition Temp – N.A.

Means of extinction – adapt to surrounding fire  
Upper Flammable Limit – N.A.  
Lower Flammable Limit – N.A.

## 6. ACCIDENTAL RELEASE MEASURES

Do not large quantities empty into drains. Collect material and proceed according to local waste disposal regulations.

## 7. HANDLING AND STORAGE

Keep container tightly closed in a cool, dark and well ventilated place. Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits: None Known  
**Engineering controls:** Not required with normal use

### Personal Protection:

Protective gloves recommended  
Goggles recommended  
Protective clothing: None required  
Other: None known

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder  
Colour: yellow-green  
Odour: mild  
Flash point: N/AP  
Ignition temperature N/AP  
Density: N/AP  
Viscosity: N/AP  
pH value: N/AP  
Vapor pressure: N/AP  
Evaporation rate: N/AP  
Boiling point: N/AP  
Coefficient of water/oil distribution: Fully soluble

## 10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see Section 7).  
Incompatibility – None known  
Reactivity – None known  
Hazardous decomposition products – Not known to decompose with normal use

**11. TOXICOLOGICAL INFORMATION**

Effects of acute exposure – None known

COMPONENT	CAS#	LD <sub>50</sub>	LC <sub>50</sub>
DIAZO POWDER	41432-19-3	1643 mg/kg, oral rat	Not established

Effects of chronic exposure – None known  
 Eye contact - may cause local irritation.  
 Irritancy of product – mild  
 Respiratory sensitization – None known  
 Skin sensitization – possible but, never experienced  
 Carcinogenicity – Not known to be carcinogenic  
 IARC – No  
 ACGIA – No  
 Reproductive Toxicity – None Known  
 Teratogenicity – None Known  
 Embryotoxicity – None Known  
 Mutagenicity – None Known  
 Name of synergistic products/effects – None Known

**12. ECOLOGICAL INFORMATION**

Do not enter large quantities of product in its original concentration into drains or open waters.  
 Do not store at public waste disposal sites.  
 In case of conduction into adapted biological purification plants no disturbances need be expected.  
 The preparation has been estimated by conventional method (calcu-procedure) of EG directive 1999/45/EG) and is not classified as hazardous for the environment.

**13. WASTE DISPOSAL INFORMATION**

Dispose of in accordance with local, provincial (state) and federal regulations.  
 Empty container: recycling or re-conditioning  
 Soiled container: treatment like product itself

**14. TRANSPORT INFORMATION**

This product is not classified as hazardous material according to USDOT, ADR, RID, IMDG and IATA.

**15. REGULATORY INFORMATION**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material.

All ingredients are listed on the TSCA registry.

**Labeling** (acc. to 91/155/EEC): (not applicable)

Water pollution class: 1

**VOC'S less than 0.1%**

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**16. OTHER INFORMATION**

HMIS: Health 1, Flammability 1, Reactivity 0

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