



MATERIAL SAFETY DATA SHEET

PRODUCT NAME

Ulano[®]
FX88 EMULSION

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 23, 2007

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

| Ingredients | C.A.S. # | OSHA PEL | ACGIH TLV | Approx. Conc. | Hazard Type |
|---|---------------------|------------------|------------------|----------------|----------------------|
| POLYVINYL ACETATE | 9003-20-7 | NOT ESTAB | NOT ESTAB | >30% | NON HAZARDOUS |
| POLYVINYL ALCOHOL | 9002-89-5 | NOT ESTAB | NOT ESTAB | ~10% | NON HAZARDOUS |
| TSRN 80100215-5001P | TRADE SECRET | NOT ESTAB | NOT ESTAB | | NON HAZARDOUS |
| THIS PRODUCT DOES NOT CONTAIN SARA TITLE III, SECTION 313 REPORTABLE MATERIAL. | | | | | |

VOC CONTENT = < 0.1% (BASED ON PRODUCT COMPONENTS)

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) N.A. |
| Solubility in Water DILUTABLE | |
| Appearance and Odor BLUE 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*)

PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION

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

Signs and Symptoms of Exposure

PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION

Medical Condition Generally Aggravated by Exposure

NONE KNOWN

Emergency and First Aid Procedures

YES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, CALL A PHYSICIAN.

SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. IF IRRITATION OCCURS, SEE 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 RINSED 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

AVOID FREEZING

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

PROTECTIVE APRON TO AVOID STAINING CLOTHING.

Work / Hygienic Practices

NONE KNOWN

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,
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
Telephone Number for Information
(718)237-4700 Fax#: (718)802-1119
Date Prepared
MAY 23, 2007

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 | | |
| 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

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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