

PRODUCT NAME

UIAA® EMULSIO	SE	CTION I			
Manufacturer's Name			Telephone Numbe		
ULANO CORPORATION	CHEMTREC: (800)424-9300 or (703)527-3887				
Address (Number, Street)	Telephone Number for Information				
110 THIRD AVENUE				718) 802-1119	
Address (City, State, ZIP Code)		Date Prepar			
BROOKLYN, NY 11217 Signature of Preparer (optional)		April 3, 2	2004		
Oignature of Freparer (Optional)					
SECTI	ON II: INGREDIEN	ITS/IDENT	ITY INFORM	MATION	
Ingredients (Specific Chemical Identity;	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
Common Name(s))	TD ADE CECCET	NOT SET	NOT CET		MILD IDDITANT
TSRN 80100215-5008P POLYVINYL ALCOHOL	TRADE SECRET 9002-89-5	NOT SET	NOT SET NOT SET	<10%	MILD IRRITANT NON HAZARDOUS
POLYVINYL ALCOHOL POLYVINYL ACETATE	9002-89-5	NOT SET	NOT SET	<10% >10%	NON-HAZARDOU
TSRN 80100215-5001P	TRADE SECRET	NOT SET	NOT SET	>1070	NON-HAZARDOU
ACRYLATE OLIGOMER	NOT ESTAB.	NOT SET	NOT SET	<10%	MILD IRRITANT
WATER					
THIS PRODUCT DOES NOT CONTAIN SA	RA TITLE III, SECTION	313 REPORT	ABLE MATERIA	\L	
ULANO PRODUCTS ARE NOT MANUFA	ACTURED WITH, NOR DO	THEY CONTAIL	V CLASS-I OR CL	ASS-II OZONE DEP	LETING CHEMICALS
SECTIO	N III: PHYSICAL/C	HEMICAL	CHARACTI	ERISTICS	
Boiling Point		Specific Gra	avity (H <sub>2</sub> O = 1)		
~212ºF		1.1			
Vapor Pressure (mm Hg.)		Melting Poir	nt		
23.3 mbar		N.A.			
Vapor Density (AIR=1)		Evaporation	Rate (H <sub>2</sub> O = 1)		
N.A.		N.A.	-		
Solubility in Water					
INFINITELY DISPERSIBLE IN WATER					
Appearance and Odor					
VISCOUS LIQUID COLORED BLUE					
SECTI	ON IV: FIRE AND	EXPLOSI	ON HAZARI	DATA	
Flash Point (Method Used)	Flammable Limits	LEL		UEL	
N.A.	N.A.	N.A.			N.A.
Extinguishing Media					
NON-FLAMMABLE					
NON-FLAMMABLE Special Fire Fighting Procedures					
NON-FLAMMABLE Special Fire Fighting Procedures TREAT SURROUNDING FIRE					
NON-FLAMMABLE Special Fire Fighting Procedures FREAT SURROUNDING FIRE Unusual Fire and Explosion Hazards					
NON-FLAMMABLE Special Fire Fighting Procedures TREAT SURROUNDING FIRE Unusual Fire and Explosion Hazards					
NON-FLAMMABLE Special Fire Fighting Procedures TREAT SURROUNDING FIRE Unusual Fire and Explosion Hazards NONE KNOWN	SECTION V: F		ΓΥ DATA		0.11
NON-FLAMMABLE Special Fire Fighting Procedures TREAT SURROUNDING FIRE Unusual Fire and Explosion Hazards NONE KNOWN		REACTIVIT	ΓΥ DATA		Stable
NON-FLAMMABLE Special Fire Fighting Procedures TREAT SURROUNDING FIRE Unusual Fire and Explosion Hazards NONE KNOWN Stability Conditions to Avoid			TY DATA		Stable X

**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	Flammability	Reactivity	Personal Protection
	1	0	0	Α

			PAC
SECTION Y	VI: HEALTH HAZA	RD DATA	
Inhalation?	<u>+</u>	Skin?	Ingestion?
Route(s) of Entry		YES	NO
Health Hazards (Acute and Chronic)	IDI E DAMACE TO EV	VES OD SKIN ON DDO	LONGED CONTACT
EYE AND SKIN IRRITANT. CAN CAUSE IRREVERS		TES OR SKIN ON PRO	LONGED CONTACT.
CAN INDUCE ALLERGIC OR SENSITIZATION REAC Carcinogenicity: NTP?		C Monographs?	OSHA Regulated?
NO	I/AIV	NO	NO
Signs and Symptoms of Exposure		110	NO NO
REDDENING OF SKIN OR BURNING SENSATION IN	N EYES		
Medical Condition Generally Aggravated by Exposure			
ALLERGIES, ECZEMA OR SKIN CONDITIONS			
Emergency and First Aid Procedures			
EYES: FLUSH WITH LARGE QUANTITIES OF WATI	ER. CONSULT A PHY	SICIAN. SKIN: WASH	EXPOSED AREA
WITH SOAP AND WATER. IF IRRITATION OCCURS			
THE COME THE WATER IN MANAGEMENT CONTROL OF	, 001111101	<u> </u>	
SECTION VII: PRECAU	ITIONS FOD SAFE	HANDI ING AND	IICE
	TIONS FOR SAFE	HANDLING AND	03E
Steps to be taken in case Material is Released or Spilled  SMALL SPILLS MAY BE WASHED DOWN SEWER.	LADGE COLL C CHO	III D DE ADSODDED O	ONTO CUITADI E MEDIA
SMALL SPILLS MAT BE WASHED DOWN SEWER.	LANGE SPILES SHO	OLD BL ABSONBLD (	ONTO SOTTABLE MEDIA.
Waste Disposal Method			
MEDIA SHOULD BE DISPOSED OF IN ACCORDANG	CE WITH STATE AND	LOCAL REGULATION	NS.
Precautions to be Taken in Handling and Storing			
KEEP AWAY FROM HEAT AND UV RADIATION.			
Other Precautions			
NONE KNOWN			
SECTION '	VIII: CONTROL MI	EASURES	
Respiratory Protection (Specify Type)			
NONE REQUIRED IF ADEQUATE VENTILATION IS	PROVIDED.		
Ventilation Local Exhaust	Mechanical (Genera	II) Special	Other
	X		
Protective Gloves	Eye Protection		
YES	NIOSH API	PROVED SAFETY GLA	ASSES OR GOGGLES
Other Protective Clothing or Equipment			
PROTECTIVE APRON Work / Hygienic Practices			
WASH HANDS PROMPTLY AFTER HANDLING MA	TEDIAL		

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.



PRODUCT NAME



UIA CO DIAZO C SENSI	12	ECTION I				
Manufacturer's Name	<u> </u>		Telephone Number	er		
ULANO CORPORATION	CHEMTREC: (800)424-9300 or (703)527-3887					
Address (Number, Street)			Number for Inform			
110 THIRD AVENUE City, State, ZIP Code)		(718) 237-4700, Fax#: (718) 802-1119  Date Prepared				
BROOKLYN, NY 11217		MAY 1, 2				
Signature of Preparer (optional)		ĺ				
	TION II: INGREDIEI					
ngredients (Specific Chemical Identity; Common Name(s))	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type	
BENZENEDIAZONIUM,	41432-19-3			100%	IRRITANT	
(PHENYLAMINO) SULFATE,		10 mg/m³	10 mg/m <sup>3</sup>	Total Dust		
:1 POLYMER WITH FORMALDEHYDE		5 mg/m³	5 mg/m³	Respirable Dus	t	
COMPOUND ALSO LISTED AS 4-DIAZODIF						
HIS PRODUCT DOES NOT CONTAIN	SARA TITLE III, SECTION	313 REPORT	ABLE MATERIA	<u>AL</u>		
ULANO PRODUCTS ARE NOT MANU	UFACTURED WITH. NOR DO	THEY CONTAI	N CLASS-I OR CL	ASS-II OZONE DEPI	LETING CHEMICALS.	
	ON III: PHYSICAL/(					
Soiling Point	ON III. I III SICALA		avity $(H_2O = 1)$	LINIOTICS		
SLOW DECOMPOSITION AT 244°F		N.A.	avity (11 <sub>2</sub> 0 = 1)			
/apor Pressure (mm Hg)		Melting Poi	nt			
N.A.		N.A.	it.			
/apor Density (Air = 1)			Rate (H <sub>2</sub> O = 1)			
V.A.		N.A.	(1.20 1)			
Solubility in Water		IVIA				
SOLUBLE						
Appearance and Odor						
YELLOW POWDER						
SEC	TION IV: FIRE AND	EXPLOSI	ON HAZARI	D DATA		
Flash Point (Method Used)	Flammable Limits	1	LEL	1	UEL	
N.A.	N.A.		N.A.		N.A.	
extinguishing Media	CAL					
CARBON DIOXIDE OR DRY CHEMI Special Fire Fighting Procedures	CAL					
AS ALWAYS, FIRE FIGHTERS SHO	III D WEAR SELE-COM	STAINED SI	PPI IFD-ΔIR F	REPATHING APP	PARATUS	
Jnusual Fire and Explosion Hazards	<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			74101100	
JNDER FIRE CONDITIONS, OXIDE	S OF CARBON, NITRO	<b>GEN AND SI</b>	JLFUR WILL E	BE LIBERATED		
	SECTION V:	RFACTIVI <sup>*</sup>	TY DATA			
Stability	<u> </u>	Unstable		·	Stable	
,		X				
Conditions to Avoid						
<b>GNITION SOURCES, TEMPERATU</b>	<b>RES ABOVE 95°F AND</b>	<b>ACTINIC LI</b>	GHT.			
DECOMPOSITION DOES NOT RES	ULT IN A HAZARDOUS	CONDITION	I, ONLY EFFE	CTIVENESS DEC	CREASES.	
ncompatibility (Material to Avoid)						
TRONG OXIDIZERS						
lazardous Decomposition or Byproducts						
DXIDES OF CARBON, NITROGEN			56°F			
lazardous Polymerization		May Occur	1	Will	Not Occur	
Conditions to Avoid					X	
STRONG OXIDIZERS						
				<b>5</b>		
Hazardous Materials Identification Scheme (HI	MIS) Health	F	lammability	Reactivity	Personal Protect	

	SECTION	<u>I VI: HEAL</u> IF	HAZARD DATA		
Route(s) of Entry	Inhalation	?	Skin?		Ingestion?
	X		X		X
lealth Hazards (Acute and Chro		OLONGED CO	NTACT EVEC. COL	DOCIVE TO EVE	C MAY
	GHT IRRITATION WITH PR TION. INHALATION: MAY				3, WAT
	INGESTION: MAY BE HA				DITATION
OF MOUTH, THROAT AN		KWIFUL IF INGE	STED. INGESTION	WAT CAUSE IN	MIATION
Carcinogenicity:	NTP?		IARC Monographs?		OSHA Regulated?
zaromogomony.	NO NO		NO		NO
Signs and Symptoms of Exposu		<u> </u>			
RRITATION OF EYES, C					
Medical Condition Generally Ago	gravated by Exposure				
NONE KNOWN					
	l				
Emergency and First Aid Proced	oures I EFFECTED AREAS WITH	HIADGE AMOI	INTS OF WATER EA	DD AT LEAST 15	MINITES
	ION IF IRRITATION OCCU		DNIS OF WATER FO	JR AT LEAST 13	WIND IES.
JET MEDICAL ATTENTI	ON IF IRRITATION OCCU	NO .			
	SECTION VII: PRECA	UTIONS FOR	SAFE HANDLIN	IG AND USE	
Steps to be taken in case Materi	ial is Released or Spilled				
<u>WASH DOWN WITH WA</u>	TER				
Waste Disposal Method	DANCE WITH STATE AND	DIOCAL DECL	II ATIONS		
JISPUSE OF IN ACCUR	DANCE WITH STATE ANI	D LOCAL REGI	JLATIONS		
Precautions to be Taken in Hand	dling and Storing				
STORE IN A COOL DRY					
TORE IN A GOOD DRIV	7111271				
Other Precautions					
	R SUBDUED LIGHT				
	R SUBDUED LIGHT				
		LVIII. CONTE	OL MEASURES		
Other Precautions  MIX UNDER YELLOW O	SECTION	I VIII: CONTF	ROL MEASURES		
MIX UNDER YELLOW O	SECTION			E I IMITO	
Respiratory Protection (Specify NIOSH APPROVED DUS	SECTION Type) ST MASK IF DUST CONCE	ENTRATIONS E	XCEEDS EXPOSUR		Other
WIX UNDER YELLOW O	SECTION	ENTRATIONS E.  Mechanic	XCEEDS EXPOSUR al (General)	E LIMITS Special	Other
Respiratory Protection (Specify NIOSH APPROVED DUS	SECTION Type) ST MASK IF DUST CONCE	ENTRATIONS E	XCEEDS EXPOSUR al (General)		Other
Respiratory Protection (Specify NIOSH APPROVED DUS	SECTION Type) ST MASK IF DUST CONCE	Mechanic  Legislation Services	XCEEDS EXPOSUR al (General)	Special	Other
Respiratory Protection (Specify NIOSH APPROVED DUS Ventilation  Protective Gloves PLASTIC GLOVES Other Protective Clothing or Equ	SECTION Type) ST MASK IF DUST CONCE Local Exhaust	Mechanic  Legislation Services	XCEEDS EXPOSUR al (General)  Very series of the content of the con	Special	Other
Respiratory Protection (Specify NIOSH APPROVED DUS Ventilation  Protective Gloves PLASTIC GLOVES Other Protective Clothing or Equ	SECTION Type) ST MASK IF DUST CONCE Local Exhaust	Mechanic  Legislation Services	XCEEDS EXPOSUR al (General)  Very series of the content of the con	Special	Other
Respiratory Protection (Specify NIOSH APPROVED DUS Protective Gloves PLASTIC GLOVES Other Protective Clothing or Equ	SECTION Type) ST MASK IF DUST CONCE Local Exhaust	Mechanic  Legislation Services	XCEEDS EXPOSUR al (General)  Very series of the content of the con	Special	Other

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.