

1-23-04

## **UlAno**

43307-1007

### MATERIAL SAFETY DATA SHEET

\* Ulano Foto coat TZ \*

PRODUCT NAME
UIAA

1 12	<u>, 12/CL, 12/F</u>	HT-200B EMULSION	VS			
		SE	CTION I			
Manufacturer's Name			Telephone Numb	er		
ULANO CORPORATION				-9300 or ( <mark>7</mark> 03)527	<sup>-</sup> -3887	
Address (Number, Street,)			Number for Inform			
110 THIRD AVE.		(718)622		:(718)802-1119		
(City, State, ZIP Code)		Date Prepa				
BROOKLYN, NY. 11217 Signature of Preparer (optional)		MAY 1, 2	2000			
Signature of Freparer (Optional)						
	S	SECTION II - Ingredi	ents/Identit	y Information		
(Specific Chemical Identity; Com	mon Name(s))				_	
Ingredients	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type	•
WATER	7732-18-			>40%		
POLYVINYL ACETATE	9003-20-		NOT SET	>40%%	NON HAZARDOUS	
POLYVINYL ALCOHOL	9002-89-		NOT SET	<10%	NON HAZARDOUS	
TSRN 80100215-5000P	TRADE S				NON HAZARDOUS	
THIS PRODUCT DOES NOT	CONTAIN SARA	A TITLE III, SECTION 313 F	REPORTABLE I	MATERIAL.		
ULANO PRODUCT	S ARE NOT MANU	FACTURED WITH, NOR DO T	THEY CONTAIN C	LASS-I OR CLASS-II	OZONE DEPLETING CHEMIC	CALS.
	SE	CTION III - Physical	/Chemical	Characteristics	<u> </u>	
Boiling Point		Sı	pecific Gravity (H2	0=1)		
212+°f		1.	.05-1.08			
Vapor Pressure (mm Hg.) N.A.	-		Melting Point			<del></del>
Vapor Density (AIR=1)			vaporation Rate (	H <sub>2</sub> 0=1)		<u> </u>
N.A.			.Á.	2 ,		جز
Solubility in Water DILUTABLE						/·433c
Appearance and Odor				-		<del></del> •
ODORLESS, VISCOUS LI	QUID. TZ = BL	UE, TZ/CL & TZ/HY-200	B = WHITE			
						<del></del>
51. 1. 5 · 1. 4 · 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		ION IV - FIRE AND		N HAZARD DA		
Flash Point (Method Used)		ammable Limits	LEL		UEL	
N.A. Extinguishing Media	N.A.	N.	<u>.A.</u>	N	.A.	
NON-FLAMMABLE						
Special Fire Fighting Procedures TREAT SURROUNDING F	IDE					
Unusual Fire and Explosion Hazar						
NONE KNOWN						
		SECTION V -	Reactivity	Data	<del></del>	
		Unstable		Sta	able	
Stability					X	
Conditions to Avoid AFTER SENSITIZING, EXF	OSURE TO LI	GHT WILL CAUSE THIC	KENING.			
ncompatibility (Material to Avoid)						
NONE KNOWN	<del></del>					
Hazardous Decomposition or Bypr NONE KNOWN	oducts			<del></del>		
denorded Deliver - 1 1	F	May Occur		Wi	II Not Occur	
Hazardous Polymerization					X	
Conditions to Avoid NONE KNOWN						
HMIS Hea	alth [ 1 ]	Flammability [ 0 ]	Reactivity	[0] Per	sonal Protection [ A ]	<del></del>

	SECTION VI	<ul> <li>Health Hazard Data</li> </ul>	
	Inhalation?	Skin?	Ingestion?
Route(s) of Entry	NO	NO	NO
Health Hazards (Acute and Chronic) PROLONGED EXPOSURE MA	V CALISE SKIN IDDITATION		
PROLUNGED EXPOSURE WA	T CAUSE SKIN IRRITATION		
	NTP?	IARC Monographs?	OSHA Regulated?
Carcinogenicity:	NO	NO	NO NO
Signs and Symptoms of Exposure PROLONGED EXPOSURE MA			
Medical Condition Generally Aggravated NONE KNOWN	1 by Exposure		
	AMOUNTS OF WATER FOR AT A WITH SOAP AND WATER. IF		
	050510111111 5		
		ons for Safe Handling a	nd Use
Steps to be taken in case Material is Re	leased or Spilled ED DOWN DRAIN. LARGE SPI	III E EUOIII D DE ADEODDE	D ONTO SUITARI E MEDIA
SWIALL SPILLS WAT BE KINS	ED DOWN DRAIN. LARGE SP	ILLS SHOULD BE ABSURBE	D UNTO SUITABLE MEDIA.
Vaste Disposal Method	DDANGE MITH STATE AND LA	CAL DECLUATIONS	
DISPOSE OF MEDIA IN ACCO	RDANCE WITH STATE AND LO	JUAL REGULATIONS.	
		· · · · · · · · · · · · · · · · · · ·	
Precautions to be Taken in Handling and AVOID FREEZING	l Storing		
Other Precautions			
NONE KNOWN			
	SECTION VIII	I - Control Measures	
tespiratory Protection (Specify Type)			
<del></del> -	V	entilation	
Local Exhaust	Mechanical (General)	Special	Other
	X		
rotective Gloves		Eye Protection	
IONE		NONE	
Other Protective Clothing or Equipment PROTECTIVE APRON TO AVO	ID STAINING CLOTHING.		
Vork / Hygienic Practices			
IONE 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

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### UlAA) MATERIAL SAFETY DATA SHEET



OIHI 10 DI	AZO C SENS	SITIZER POWDER	2		
		S	ECTION I		
Manufacturer's Name			ncy Telephone Number	200 (700)507.0	007
ULANO CORPORATION Address (Number, Street,)			TREC: (800)424-9 ne Number for Informati		887
255 BUTLER ST.		(718)6:	22-5200 Fax#: (	718)802-1119	
(City, State, ZIP Code)		Date Pre			
BROOKLYN, NY. 11217 Signature of Preparer (optional)		MAY 1,	, 2000		
	SI	ECTION II - Ingre	dients/Identity	Information	
(Specific Chemical Identity; Comr	non Name(s))			<del></del>	
Ingredients	C.A.S.	# OSHA	PEL ACGIH TLV	Approx. Conc.	Hazard Type
BENZENEDIAZONIUM,4(PHENY	LAMINO) 41432-	19-3 15mg/m	<sup>3</sup> 15mg/m <sup>3</sup>	Total Dust	IRRITANT
SULFATE 1:1 POLYMER WITH		5m <b>g</b> /m <sup>3</sup>	5mg/m <sup>3</sup>	Respirable Dust	
FORMALDEHYDE				_	
THIS PRODUCT DOES NOT	CONTAIN SARA	TITLE III. SECTION 313	REPORTABLE MA	TERIAL	
markebeer become	00.11.74.11.074.01	, 22 1, 02011011011	, , , , , , , , , , , , , , , , , , ,		
ULANO PRODUCTS		<del> </del>			ONE DEPLETING CHEMICALS.
	SEC	TION III - Physic			
Boiling Point SLOW DECOMPOSITION	AT 244°E	1	Specific Gravity (H <sub>2</sub> 0= N.A.	1)	
Vapor Pressure (mm Hg.)	A 1 244 F		Melting Point		
N.A.			N.A.		
Vapor Density (AIR=1)		,	Evaporation Rate (H <sub>2</sub>	0=1)	
N.A. Solubility in Water			N.A.		
SOLUBLE					
Appearance and Odor					
YELLOW POWDER					
		ON IV - FIRE AND		HAZARD DATA	
Flash Point (Method Used)	N.A.	mmable Limits	N.A.	N.A.	UEL
N.A. Extinguishing Media	N.A.		N.A.	J N.A.	·
CARBON DIOXIDE OR DE	Y CHEMICAL				
Special Fire Fighting Procedures FIRE FIGHTERS SHOULD	WEADSELEC	ONTAINED AIR BR	EATHING ADDAD	ATUS	
Unusual Fire and Explosion Hazar	ds	ONTAINED, AIR DI	LATTING ALT AK	A103	
UNDER FIRE CONDITION	S, OXIDES OF C	CARBON, NITROGE	N AND SULFUR W	ILL BE LIBERAT	ED
		SECTION V	/ - Reactivity D	ata	
		Unstable		Stable	9
Stability		x			
Conditions to Avoid IGNITION SOURCES, TEM	IDEDATIBES A	BOVE 95°F AND AC	TINIC LIGHT DE	COMPOSITION D	OES NOT RESULT IN
A HAZARDOUS CONDITION				COMIT CONTION B	OLO NOT NEOGET IN
Incompatibility (Material to Avoid) STRONG OXIDIZERS					
Hazardous Decomposition or Bypr		LILEUP DECOMPOS	CEC AT 2550F		
OXIDES OF CARBON, NIT	KUGEN AND S	May Occur		4 IIIW	Not Occur
Hazardous Polymerization	Γ	Way Occu	·	77107	X
Conditions to Avoid				<del></del>	<b>_</b>
STRONG OXIDIZERS	INE TO 1	Fl	DAltida *	2	and Protection (C.)
HMIS Hea	ilth [ 2 ]	Flammability [ 3 ]	Reactivity [ 1	l Perso	onal Protection [ C ]

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	SECTIO	NVI- I	lealth Hazard Data	
Pouto(s) of Enter	Inhalation?		Skin?	Ingestion?
Route(s) of Entry  Health Hazards (Acute and Chronic)	X		X	X
SKIN: MAY CAUSE SLIGHT I	PRITATION WITH PROI	ONGEDICA	NITACT EVES CORROS	SIVE TO EVES MAY
CAUSE SEVERE IRRITATION				
TRACT. <u>INGESTION:</u> MAY E				
THROAT AND GITRACT.	E HARWIFUL IF INGEST	ED. INGE	STION MAT CAUSE IRRIT	ATION OF MOUTH,
THROAT AND GITRACI.	NTP?		IARC Monographs?	OSHA Regulated?
Carcinogenicity:	NO NO	1	NO	NO
Signs and Symptoms of Exposure		<u> </u>	NO	1
IRRITATION OF EYES, OR ME	OUTH			
				-
Medical Condition Generally Aggravate	d by Exposure			
NONE KNOWN				
Emergency and First Aid Procedures				
EYES AND SKIN: WASH EFF	ECTED AREAS WITH LA	ARGE AMO	OUNTS OF WATER FOR A	T LEAST 15 MINUTES.
<b>GET MEDICAL ATTENTION IF</b>	IRRITATION OCCURS			
				<del></del>
				·
	CECTION VIII Bro		for Cofe Hemalian and	- d II
		cautions	for Safe Handling ar	ia Use
Steps to be taken in case Material is Re	leased or Spilled			
WASH DOWN WITH WATER				
Waste Disposal Method				
DISPOSE OF IN ACCORDANCE	E WITH STATE AND LO	CAL REGI	JLATIONS	
Precautions to be Taken in Handling an				
STORE IN A COOL DRY AREA	<u> </u>			
Other Precautions				
MIX UNDER YELLOW OR SUE	DUED LIGHT			
	_			
·	SECTIO	N VIII - C	Control Measures	
Respiratory Protection (Specify Type)	0207.10		ond of Medeales	
NIOSH APPROVED DUST MA	SK IE USING LARGE OU	ANTITIES		
MOOT AT TROVED BOOT MA	SICI COMO EARCE QUI		ilation	
Local Exhaust	Mechanical (General)		Special	Other
Local Exhaust		, <u> </u>	Special	Other
Bratactive Gloves	X	11	Protection	
Protective Gloves			Protection	e
PLASTIC GLOVES	<u> </u>	į NIC	SH APPROVED GOGGLE	
Other Protective Clothing or Equipment				
PROTECTIVE APRON Work / Hyglenic Practices				
WASH HANDS AFTER HANDL	ING MATERIAL			
WASH HANDS AFTER HANDL	ING WATERIAL		<del>-</del>	

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PAGE-2 ( DIAZO C Powder )

# UIAAO MATERIAL SAFETY DATA SHEET

PRODUCT NAME

UIAA

UIAAO c	OLOR ADDITIVE	FOR TZ/CL.TZ/	HY-200B		
			CTION I		
Manufacturer's Name		Emergency	Telephone Numb		
ULANO CORPORATION Address (Number, Street,)	<del>/</del>		PEC: (800)424 Number for Inform	-9300 or (703)527-	3887
255 BUTLER ST.				(718)802-1119	
(City, State, ZIP Code)		Date Prepar		<u> </u>	
BROOKLYN, NY. 1121 Signature of Preparer (optional)		MAY 1, 2	000	<u></u>	
	SEC	ΓΙΟΝ ΙΙ - Ingredi	ents/Identit	y Information	
(Specific Chemical Identity; Con	nmon 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	LIG DEBODEANI E (II	UDED CADA TI	~78%	
PTHALO BLUE CONTAINS	3.4% COPPER WHICE	I IS REPORTABLE U	NUER SARA II	TLE III, SECTION 31	<u> </u>
	<del>-</del>			-	
ULANO PRODUC	TS ARE NOT MANUFACT	URED WITH, NOR DO T	HEY CONTAIN C	LASS-I OR CLASS-II C	ZONE DEPLETING CHEMICALS.
	SECTION	ON III - Physical	/Chemical (	Characteristics	
Boiling Point			ecific Gravity (H <sub>2</sub>	0=1)	
N.A. Vapor Pressure (mm Hg.)		<u>  A</u>	PPROX. 1 lelting Point		
N.A.			. <b>A.</b>		
Vapor Density (AIR=1)			aporation Rate (	H <sub>2</sub> 0=1)	
N.A. Solubility in Water		1			
DISPERSIBLE					
Appearance and Odor	<del></del>			<u> </u>	
BLUE LIQUID			= 1/21 00101		
		IV - FIRE AND		N HAZARD DA	
Flash Point (Method Used)		ble Limits	LEL .A.	N.	UEL A
N.A. Extinguishing Media	N.A.	IN	.д.	IN.	<u></u>
NON-FLAMMABLE					
Special Fire Fighting Procedures					
TREAT SURROUNDING Unusual Fire and Explosion Haz					
NONE KNOWN	alus				
		SECTION V -	Reactivity	Data	
<del> </del>		Unstable			ble
Stability					X
Conditions to Avoid					
NONE KNOWN					
Incompatibility (Material to Avoid NONE KNOWN	0				
Hazardous Decomposition or By	products				
NONE KNOWN		May Occur	<u> </u>	W	Il Not Occur
Hazardous Polymerization					X
Conditions to Avoid	•				
NONE KNOWN HMIS	ealth [1]	Flammability [ 0 ]	Reactivity	/[01 Pa	rsonal Protection [C]
пино п	eami[   ]	i iaiiiiiabiiity [ 0 ]	Reactivity	[2]	

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		I - Health Hazard Data	
Route(s) of Entry	Inhalation?	Skin? YES	Ingestion?
Health Hazards (Acute and Chronic		TES	NO
MAY CAUSE IRRITATION			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated
Signs and Symptoms of Exposure	INO INO	, NO	NO
REDNESS OF SKIN OR BU	IRNING OF EYES		
Medical Condition Generally Aggrav NONE KNOWN	vated by Exposure		
TONE KNOWN	<del></del>		
		<del></del>	
Emergency and First Aid Procedure			
WASH EFFECTED AREA W	VITH LARGE QUANTITIES OF W	ATER. CALL PHYSICIAN IF IRRI	TATION OCCURS
	SECTION VII - Precau	tions for Safe Handling and	l 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
			_
Vaste Disposal Method			
	CODD ANCE MITH CTATE AND	LOCAL DECIL ATIONS	
	CORDANCE WITH STATE AND	LOCAL REGULATIONS	
	CORDANCE WITH STATE AND	LOCAL REGULATIONS	
DISPOSE OF MEDIA IN AC		LOCAL REGULATIONS	
Precautions to be Taken in Handling		LOCAL REGULATIONS	
DISPOSE OF MEDIA IN AC		LOCAL REGULATIONS	
		LOCAL REGULATIONS	
Precautions to be Taken in Handling NONE KNOWN Other Precautions		LOCAL REGULATIONS	
Precautions to be Taken in Handling NONE KNOWN Other Precautions		LOCAL REGULATIONS	
Precautions to be Taken in Handling NONE KNOWN Other Precautions	and Storing		
DISPOSE OF MEDIA IN AC	and Storing	III - Control Measures	
Precautions to be Taken in Handling NONE KNOWN Other Precautions	and Storing SECTION V		
Precautions to be Taken in Handling NONE KNOWN Other Precautions NONE KNOWN	SECTION V	III - Control Measures	
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Types	SECTION V		
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Types NONE Local Exhaust	SECTION V	III - Control Measures Ventilation	Other
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Types NONE  Local Exhaust N.A.	SECTION V	III - Control Measures  Ventilation Special N.A.	Other N.A.
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Types NONE  Local Exhaust N.A.  Protective Gloves	SECTION V	III - Control Measures  Ventilation Special N.A. Eye Protection	
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Type NONE  Local Exhaust N.A.  Protective Gloves  PLASTIC GLOVES	SECTION V  Mechanical (General)  N.A.	III - Control Measures  Ventilation Special N.A.	
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Type NONE  Local Exhaust  N.A.  Protective Gloves PLASTIC GLOVES Other Protective Clothing or Equipment	SECTION V  Mechanical (General)  N.A.	III - Control Measures  Ventilation Special N.A. Eye Protection	
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Types NONE  Local Exhaust  N.A.  Protective Gloves PLASTIC GLOVES Other Protective Clothing or Equipmed PROTECTIVE APRON TO A	SECTION V  Mechanical (General)  N.A.	III - Control Measures  Ventilation Special N.A. Eye Protection	
Precautions to be Taken in Handling NONE KNOWN  Other Precautions NONE KNOWN  Respiratory Protection (Specify Type NONE  Local Exhaust  N.A.  Protective Gloves PLASTIC GLOVES Other Protective Clothing or Equipment	SECTION V  Mechanical (General)  N.A.	III - Control Measures  Ventilation Special N.A. Eye Protection	

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PAGE-2 (TZ/CL,TZ/HY-200B COLOR ADDITIVE )

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