



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME



**QLT DIRECT EMULSION**

## SECTION I

Manufacturer's Name  
**ULANO CORPORATION**

Emergency Telephone Number  
**CHEMTREC: (800)424-9300 or (703)527-3887**

Address (Number, Street,  
**110 THIRD AVENUE**  
(City, State, ZIP Code)  
**BROOKLYN, NY 11217**  
Signature of Preparer (optional)

Telephone Number for Information  
**(718) 237-4700, Fax#: (718) 802-1119**  
Date Prepared  
**November 6, 2007**

## SECTION II: INGREDIENTS/IDENTITY INFORMATION

Ingredients (Specific Chemical Identity; Common Name(s))	C.A.S. NO.	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
<b>AQ. SOLUTION OF STILBAZOLIUM-PENDANT POLY(VINYL ALCOHOL)</b>	<b>125229-74-5</b>	<b>NOT SET</b>	<b>NOT SET</b>	<b>&lt;5%</b>	<b>NOT HAZARDOUS</b>
<b>POLY(VINYL ACETATE)</b>	<b>9003-20-7</b>	<b>NOT SET</b>	<b>NOT SET</b>	<b>33%</b>	<b>NOT HAZARDOUS</b>

**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 <b>212°F</b>	Specific Gravity (H <sub>2</sub> O = 1) <b>1.05-1.08</b>
Vapor Pressure (mm Hg) <b>N.A.</b>	Melting Point <b>N.A.</b>
Vapor Density (AIR=1) <b>N.A.</b>	Evaporation Rate (H <sub>2</sub> O = 1) <b>APPROX. 1</b>
Solubility in Water <b>DILUTABLE</b>	
Appearance and Odor <b>BLUE VISCOUS LIQUID</b>	

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
<b>N.A.</b>	<b>N.A.</b>	<b>N.A.</b>	<b>N.A.</b>

Extinguishing Media  
**USE EXTINGUISHING MEASURES APPROPRIATE FOR SURROUNDING MATERIALS THAT ARE BURNING. THE PRODUCT ITSELF DOES NOT BURN.**

Special Fire Fighting Procedures  
**NO SPECIAL PRECAUTIONS REQUIRED. IN CASE OF HAZARDOUS FUMES, WEAR A SELF-CONTAINED BREATHING APPARATUS. COOL CONTAINERS WITH WATER SPRAY.**

Unusual Fire and Explosion Hazards  
**NONE KNOWN**

## SECTION V: REACTIVITY DATA

Stability	Unstable	Stable
		<b>X</b>

Conditions to Avoid  
**EXPOSURE TO LIGHT WILL CAUSE THICKENING**

Incompatibility (Material to Avoid)  
**NONE KNOWN**

Hazardous Decomposition or Byproducts  
**NONE KNOWN**

Hazardous Polymerization	May Occur	Will Not Occur
		<b>X</b>

Conditions to Avoid  
**NONE KNOWN**

Hazardous Materials Identification Scheme (HMIS)	Health	Flammability	Reactivity	Personal Protection
	<b>1</b>	<b>0</b>	<b>0</b>	<b>A</b>

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## SECTION VI: HEALTH HAZARD DATA

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Route(s) of Entry	Inhalation? <b>NO</b>	Skin? <b>YES</b>	Ingestion? <b>NO</b>
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Health Hazards (*Acute and Chronic*)  
**EXCESSIVE EXPOSURE CAN CAUSE IRRITATION TO SKIN AND EYES**

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Carcinogenicity:	NTP? <b>NO</b>	IARC Monographs? <b>NO</b>	OSHA Regulated? <b>NO</b>
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Signs and Symptoms of Exposure  
**REDDENING OF SKIN OR BURNING SENSATION IN EYES**

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Medical Condition Generally Aggravated by Exposure  
**NONE KNOWN**

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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.**

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## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be taken in case Material is Released or Spilled  
**SMALL SPILLS MAY BE WASHED DOWN SEWER. LARGE SPILLS SHOULD BE ABSORBED ONTO SUITABLE MEDIA.**

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Waste Disposal Method  
**DISPOSE OF ABSORPTION MEDIA IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.**

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Precautions to be Taken in Handling and Storing  
**AVOID EXPOSURE TO LIGHT**

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Other Precautions  
**NONE KNOWN**

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## SECTION VIII: CONTROL MEASURES

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Respiratory Protection (*Specify Type*)  
**NONE REQUIRED**

Ventilation	Local Exhaust	Mechanical ( <i>General</i> ) <b>X</b>	Special	Other
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Protective Gloves  
**NONE REQUIRED**

Eye Protection  
**NONE REQUIRED**

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Other Protective Clothing or Equipment  
**PROTECTIVE APRON**

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Work / Hygienic Practices  
**WASH HANDS AFTER USING MATERIAL**

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