



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME

**ULANO® REGENERATOR PASTE NO. 8, UN#3262**

## SECTION I

Manufacturer's Name <b>ULANO CORPORATION</b>	Emergency Telephone Number <b>CHEMTREC (800) 424-9300</b>
Address (Number, Street) <b>110 THIRD AVENUE</b>	Telephone Number for Information <b>(718) 237-4700 Fax (718) 802-1119</b>
(City, State, ZIP Code) <b>BROOKLYN, NY 11217</b>	Date Prepared <b>March 23, 2004</b>
Signature of Preparer (optional)	

## SECTION II: INGREDIENTS/IDENTITY INFORMATION

Ingredients (Specific Chemical Identity; Common Name(s))	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
<b>WATER</b>	<b>7732-18-5</b>	<b>NONE SET</b>	<b>NONE SET</b>	<b>&gt;30 ≤50%</b>	<b>NON HAZARDOUS</b>
<b>SODIUM HYDROXIDE</b>	<b>1310-73-2</b>	<b>NONE SET</b>	<b>2 mg/m³ (1)</b>	<b>&gt;20 ≤30%</b>	<b>CORROSIVE</b>
<b>TRISODIUM PHOSPHATE</b>	<b>10101-89-0</b>	<b>NONE SET</b>	<b>NONE SET</b>	<b>~10%</b>	<b>IRRITANT</b>
<b>LACTIC ACID</b>	<b>50-21-5</b>	<b>NONE SET</b>	<b>NONE SET</b>	<b>&gt;2.5 ≤10%</b>	<b>CORROSIVE</b>

(1) Ceiling limit value

**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>1.1</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>DISPERSIBLE</b>	
Appearance and Odor <b>WHITE PASTE WITH A MILD ODOR</b>	

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) <b>N.A.</b>	Flammable Limits <b>N.A.</b>	LEL <b>N.A.</b>	UEL <b>N.A.</b>
Extinguishing Media <b>NON-FLAMMABLE</b>			
Special Fire Fighting Procedures <b>TREAT SURROUNDING FIRE IN APPROPRIATE MANNER</b>			
Unusual Fire and Explosion Hazards <b>NONE KNOWN</b>			

## SECTION V: REACTIVITY DATA

Stability	Unstable	Stable		
		<b>X</b>		
Conditions to Avoid <b>DO NOT OVERHEAT</b>				
Incompatibility (Material to Avoid) <b>STRONG ACIDS</b>				
Hazardous Decomposition or Byproducts <b>NONE KNOWN</b>				
Hazardous Polymerization	May Occur	Will Not Occur		
		<b>X</b>		
Conditions to Avoid <b>NONE KNOWN</b>				
Hazardous Materials Identification Scheme (HMIS)	Health	Flammability	Reactivity	Personal Protection
	<b>3</b>	<b>0</b>	<b>1</b>	<b>C</b>

**SECTION VI: HEALTH HAZARD DATA**

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
		X	X

Health Hazards (*Acute and Chronic*)

**MATERIAL IS CAUSTIC. CONTACT WITH SKIN OR EYES CAUSES BURNS**

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

Signs and Symptoms of Exposure

**IRRITATION OR BURNING SENSATION ON SKIN**

Medical Condition Generally Aggravated by Exposure

**ACUTE EXPOSURE: SHORT SINGLE EXPOSURE MAY CAUSE SEVERE SKIN BURNS.**

**CHRONIC EXPOSURE: LOCAL EFFECT MAY CONSIST OF MULTIPLE AREAS OF SUPERFICIAL DESTRUCTION OF SKIN OR PRIMARY IRRITANT DERMATITIS. INHALATION OF MIST MAY RESULT IN VARYING DEGREES OF IRRITATION OR DAMAGE TO RESPIRATORY TRACT TISSUE.**

Emergency and First Aid Procedures

**EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 20 MINUTES. EXTERNAL: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. INGESTION: DRINK LARGE QUANTITIES OF MILK OR WATER FOLLOWED BY CITRUS JUICE OR DILUTED VINEGAR. DO NOT INDUCE VOMITING!**

**SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case Material is Released or Spilled

**STOP LEAKS AND CONTAIN SPILL. REMOVE AS MUCH AS POSSIBLE AND PLACE IN A SEALED CONTAINER. NEUTRALIZE REMAINING TRACES WITH DILUTE ACID. THEN FLUSH AREA WITH WATER AND COVER WITH LIBERAL AMOUNTS OF SODIUM BICARBONATE.**

Waste Disposal Method

**DISPOSE OF IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.**

Precautions to be Taken in Handling and Storing

**ULANO® #8 HAZE REMOVER IS INTENDED FOR INDUSTRIAL USE ONLY. THIS MATERIAL IS CORROSIVE AND CONTAINS CAUSTIC SODA. CAN CAUSE SEVERE BURNS ON CONTACT. AVOID CONTACT WITH SKIN, EYES, MUCOUS MEMBRANES AND CLOTHING. FLUSH SPILLS IMMEDIATELY WITH EQUAL PARTS OF VINEGAR AND WATER.**

Other Precautions

**NONE KNOWN**

**SECTION VIII: CONTROL MEASURES**

Respiratory Protection (*Specify Type*)

**NOT REQUIRED UNDER NORMAL USE CONDITIONS**

Ventilation	Local Exhaust	Mechanical ( <i>General</i> )	Special	Other
		X		

Protective Gloves

**NIOSH APPROVED RUBBER GLOVES**

Eye Protection

**NIOSH APPROVED GOGGLES WITH SIDE SHIELDS**

Other Protective Clothing or Equipment

**NON PERVIOUS APRON**

Work / Hygienic Practices

**USE WITH ADEQUATE VENTILATION. AVOID GETTING ON SKIN OR CLOTHING.**