



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME

**ULANO**  
**GHOST REMOVER UN#1760**

## SECTION I

Manufacturer's Name <b>ULANO CORPORATION</b>	Emergency Telephone Number <b>CHEMTREC: (800)424-9300 or (703)527-3887</b>
Address (Number, Street) <b>110 THIRD AVENUE</b>	Telephone Number for Information <b>(718) 622-5200, Fax#: (718) 802-1119</b>
(City, State, ZIP Code) <b>BROOKLYN, NY 11217</b>	Date Prepared <b>MAY 10, 2001</b>
Signature of Preparer (optional)	

## SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s)) Ingredients	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>&lt;50%</b>	<b>NON HAZARDOUS</b>
<b>SODIUM HYPOCHLORITE SOL'N</b>	<b>7681-52-9</b>	<b>NONE SET</b>	<b>NONE SET</b>	<b>0.5 - 5%</b>	<b>CORROSIVE</b>
<b>SODIUM HYDROXIDE</b>	<b>1310-73-2</b>	<b>NONE SET</b>	<b>2 mg/m<sup>3</sup> (3)</b>	<b>&gt;2.5 ≤10%</b>	<b>CORROSIVE</b>
<b>SODIUM SILICATE</b>	<b>10213-79-3</b>	<b>NONE SET</b>	<b>NONE SET</b>	<b>5 - 10%</b>	<b>IRRITANT</b>

**SODIUM HYDROXIDE IS A 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>1.1g/cm<sup>3</sup></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>VISCOUS LIQUID WITH LITTLE COLOR—VERY SLIGHT ODOR</b>	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) <b>NONE KNOWN</b>	Flammable Limits	LEL <b>N.A.</b>	UEL <b>N.A.</b>
Extinguishing Media <b>WATER SPRAY OR CARBON DIOXIDE TO TREAT SURROUNDING FIRES</b>			
Special Fire Fighting Procedures <b>NONE KNOWN</b>			
Unusual Fire and Explosion Hazards <b>N.A.</b>			

## SECTION V - Reactivity Data

Stability	Unstable	Stable <b>X</b>
Conditions to Avoid <b>DO NOT OVERHEAT</b>		
Incompatibility (Material to Avoid) <b>OXIDIZERS</b>		
Hazardous Decomposition or Byproducts <b>COMBUSTION CAN CAUSE CARBON MONOXIDE AND CARBON DIOXIDE</b>		
Hazardous Polymerization	May Occur	Will Not Occur <b>X</b>
Conditions to Avoid <b>NONE KNOWN</b>		

HMIS                      Health [ 3 ]                      Flammability [ 0 ]                      Reactivity [ 1 ]                      Personal Protection [ C ]

## SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	<b>NO</b>	<b>YES</b>	<b>YES</b>

Health Hazards (*Acute and Chronic*)

**MATERIAL IS CAUSTIC. CONTACT WITH SKIN OR EYES CAN CAUSE BURNS**

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	<b>NO</b>	<b>NO</b>	<b>NO</b>

Signs and Symptoms of Exposure

**IRRITATION OR BURNING SENSATION ON SKIN**

Medical Condition Generally Aggravated by Exposure

**ACUTE OVEREXPOSURE: BURNS: CAN RESULT IN DEEP ULCERATION AND ULTIMATELY SCARRING OF SKIN**

**CHRONIC OVEREXPOSURE: THE CHRONIC LOCAL EFFECT MAY CONSIST OF MULTIPLE AREAS OF SUPERFICIAL DESTRUCTION OF SKIN OR PRIMARY IRRITANT DERMATITIS. SIMILARLY, INHALATION OF SPRAY OR MIST MAY RESULT IN VARYING DEGREES OF IRRITATION OR DAMAGE TO THE RESPIRATORY TRACT TISSUES**

Emergency and First Aid Procedures

**EYE CONTACT: FLUSH WITH WATER FOR 20 MINUTES. EXTERNAL: FLOOD WITH WATER FOR AT LEAST 15 MINUTES; THEN WASH EXPOSED AREA WITH A SOLUTION OF EQUAL PARTS VINEGAR AND WATER. INGESTION: DRINK LARGE QUANTITIES OF WATER OR MILK FOLLOWED BY CITRUS JUICE OR DILUTED VINEGAR.**

## 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 STATE AND LOCAL REGULATIONS**

Precautions to be Taken in Handling and Storing

**ULANO GHOST REMOVER IS FOR INDUSTRIAL USE ONLY THIS MATERIAL IS CORROSIVE AND CONTAINS CAUSTIC SODA AVOID CONTACT WITH SKIN, EYES, MUCOUS MEMBRANES**

**AND CLOTHING. HARMFUL IF SWALLOWED. FLUSH SPILLS IMMEDIATELY WITH WATER MIXED WITH EQUAL PARTS OF VINEGAR.**

Other Precautions

**NONE KNOWN**

## SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)

**NIOSH APPROVED DUST MASK IF WORKING WITH LARGE QUANTITIES**

### Ventilation

Local Exhaust

Mechanical (*General*)

Special

Other

	<b>X</b>		
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Protective Gloves

Eye Protection

**RUBBER GLOVES**

**NIOSH APPROVED GOGGLES WITH SIDE SHIELDS**

Other Protective Clothing or Equipment

**NON PERVIOUS APRON**

Work / Hygienic Practices

**USE WITH ADEQUATE VENTILATION. AVOID PROLONGED BREATHING OF VAPORS.**

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