



MATERIAL SAFETY DATA SHEET

PRODUCT NAME



#15 GELATIN FILM DECOATER LIQUID UN# 1760

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	Telephone Number for Information (718)622-5200 Fax# : (718)802-1119
Signature of Preparer (optional)	Date Prepared MAY 1, 2000

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s)) INGREDIENTS	OSHA PEL	ACGIH TLV	Approximate Concentration	Hazard Type
SODIUM HYPOCHLORITE CAS# 7681-52-9	33mg/m³ (As Chlorine)	NONE ASSIGNED	1--5%%	Non Hazardous at Product Concentration
SODIUM HYDROXIDE CAS# 1310-73-2	OSHA (STEL/CEL) 2mg/m³	ACGIH (STEL/CEL) 2mg/m³	1--5%%	CORROSIVE

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 212+°F	Specific Gravity (H ₂ O=1) 1.14
Vapor Pressure (mm Hg.) N.A.	Melting Point N.A.
Vapor Density (AIR=1) N.A.	Evaporation Rate (H ₂ O=1) N.A.
Solubility in Water INFINITE	
Appearance and Odor COLORLESS LIQUID, ODOR OF CHLORINE	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
Extinguishing Media TREAT SURROUNDING FIRE	Special Fire Fighting Procedures AVOID SKIN CONTACT OR BREATHING OF FUMES		
Unusual Fire and Explosion Hazards NONE KNOWN			

SECTION V - Reactivity Data

Stability	Unstable	Stable		
Conditions to Avoid NONE KNOWN		X		
Incompatibility (Material to Avoid) STRONG ACIDS, UREA, STRONG REDUCING AGENTS	Hazardous Decomposition or Byproducts CHLORINE GAS			
Hazardous Polymerization	May Occur	Will Not Occur		
Conditions to Avoid NONE KNOWN		X		
HMIS	Health [3]	Flammability [0]	Reactivity [1]	Personal Protection [C]

SECTION VI - Health Hazard Data

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

Health Hazards (*Acute and Chronic*)
ACUTE OVEREXPOSURE: BURNS, RESULTING IN FREQUENTLY DEEP ULCERATION AND ULTIMATE SCARRING
CHRONIC OVEREXPOSURE: LOCAL EFFECT MAY CONSIST OF MULTIPLE AREAS OF SUPERFICIAL DESTRUCTION
OR OF PRIMARY IRRITANT DERMATITIS. SIMILARLY, INHALATION OF SPRAY OR MIST MAY RESULT IN
VARYING DEGREES OF IRRITATION OR DAMAGE TO THE RESPIRATORY TRACT TISSUES.

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

Signs and Symptoms of Exposure
RESPIRATORY IRRITATION OR BURNING SENSATION ON SKIN

Medical Condition Generally Aggravated by Exposure
CHRONIC LUNG CONDITIONS OR DERMATITIS

Emergency and First Aid Procedures
SKIN: FLOOD WITH WATER FOR AT LEAST 15 MINUTES; THEN WASH AREA WITH SOLUTION OF EQUAL PARTS OF VINEGAR AND WATER. EYES: FLUSH WITH WATER FOR AT LEAST 20 MINUTES. SEEK MEDICAL ATTENTION.
INGESTION: DRINK LARGE QUANTITIES OF EQUAL PARTS OF VINEGAR AND WATER.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
STOP LEAKS. CONTAIN SPILL, REMOVE AS MUCH AS POSSIBLE. NEUTRALIZE REMAINING TRACES OF MATERIAL WITH DILUTE ACID; THEN FLUSH AREA WITH WATER FOLLOWED BY APPLICATION OF 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
STORE IN A COOL DRY AREA. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

Other Precautions
NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)
NONE

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

Protective Gloves
RUBBER

Eye Protection
NIOSH APPROVED GOGGLES WITH SIDE SHIELDS

Other Protective Clothing or Equipment
SYNTHETIC FABRIC APRON

Work / Hygienic Practices
NONE 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.