

PRODUCT IDENTIFIER: <b>STRIPPER</b>			
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>			
ROUTE OF ENTRY:	SKIN CONTACT	X	SKIN ABSORPTION
			EYE CONTACT
			X
			INHALATION
			INGESTION
			X
EFFECTS OF ACUTE EXPOSURE TO PRODUCT:			
INHALATION, EYE AND SKIN CONTACT MAY CAUSE BURNS.			
INGESTION MAY CAUSE BURNS TO MOUTH THROAT AND ABDOMEN			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:			
PROLONGED OR REPEATED EXPOSURE CAN CAUSE DRYING, DEFATTING AND DERMATITIS OF SKIN.			
EXPOSURE LIMITS:	IRRITANCY OF PRODUCT:	SENSITIZATION TO PRODUCT:	CARCINOGENICITY:
N/AV	CONTACT WITH EYES / SKIN	N/AV	NO
TERATOGENICITY:	REPRODUCTIVE TOXICITY:	MUTAGENICITY:	SYNERGISTIC PRODUCTS:
N/AV	N/AV	N/AV	N/AV
<b>SECTION 7 - PREVENTIVE MEASURES</b>			
PERSONAL PROTECTIVE EQUIPMENT:			
GLOVES (SPECIFY):	RESPIRATOR (SPECIFY):	EYE (SPECIFY):	
RUBBER OR NEOPRENE GLOVES	N/AP	CHEMICAL SPLASH GOGGLES	
FOOTWEAR (SPECIFY):	CLOTHING (SPECIFY):	OTHER (SPECIFY):	
IMPERVIOUS	N/AP	NONE	
ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):			
GENERAL VENTILATION			
LEAK AND SPILL PROCEDURE:			
RINSE WITH COPIOUS AMOUNTS OF WATER AND LET DRY.			
WASTE DISPOSAL:			
ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REQUIREMENTS.			
HANDLING PROCEDURES AND EQUIPMENT:			
NORMAL HANDLING PROCEDURES.			
STORAGE REQUIREMENTS:			
STORE IN WELL VENTILATED AREAS, RECOMMENDED TEMPERATURE: 15 <sup>0</sup> C (59 <sup>0</sup> F)			
SPECIAL SHIPPING INFORMATION:		TDG. UN NUMBER	
NORMAL PROCEDURE; KEEP FROM FREEZING.		CAUSTIC ALKALI LIQUIDS, NOS (POTASSIUMHYDROXIDE, MONOETHANOLAMINE), CLASS 8, UN1719, PG III	
<b>SECTION 8 - FIRST AID MEASURES</b>			
SPECIFIC MEASURES:			
INGESTION: DRINK 3-4 GLASSES OF MILK OR WATER; DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.			
CONTACT WITH EYES: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.			
CONTACT WITH SKIN: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.			
INHALATION: REMOVE TO FRESH AIR. IF DISCOMFORT PERSISTS OBTAIN MEDICAL ATTENTION.			
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>			
PREPARED BY:	PHONE NUMBER:	DATE:	
ULTRA CHEM INDUSTRIES LTD. DIRECTOR TECHNICAL SERVICES	(604) 946-8357	JUNE 05	

# MATERIAL SAFETY DATA SHEET

## Abbreviations used on this Material Safety Data Sheet:

N/av. = Not available, N/ap. = Not applicable, ppm = parts per million, TLV = Threshold Limit Value.

NFPA Hazard Rating: 4 - Extreme, 3 - High, 2 - Moderate, 1- Slight, 0- None, X - Blank

**WHMIS HAZARD: SLIGHT**

**NFPA HAZARD RATING: NONE**

**HEALTH - 2 , FLAMMABILITY - 0 , REACTIVITY - 1**

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER:</b> STRIPPER	
<b>PRODUCT USE:</b> HEAVY DUTY WAX STRIPPER	
<b>MANUFACTURER'S NAME:</b> ULTRA CHEM INDUSTRIES LTD.	<b>SUPPLIER'S NAME:</b>
<b>STREET ADDRESS:</b> #1-7107 VENTURE STREET	<b>STREET ADDRESS:</b>
<b>CITY:</b> DELTA	<b>CITY:</b> PROVINCE:
<b>POSTAL CODE:</b> V4G 1H7	<b>POSTAL CODE:</b> EMERGENCY TELEPHONE:
<b>EMERGENCY TELEPHONE:</b> 1-800-535-5053	<b>EMERGENCY TELEPHONE:</b>

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LETHAL DOSE (50%) OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LETHAL CONCENTRATION (50%) OF INGREDIENT (SPECIFY SPECIES AND ROUTE)
N-BUTOXYPROPANOL	1-5	5131-66-8	2200 MG/KG (ORAL,RAT)	N/AV
MONOETHANOLAMINE	3-5	141-43-5	1720 MG/KG (ORAL, RAT)	N/AV
POTASSIUM HYDROXIDE	0.1-1.0	1310-58-3	365 MG/KG (ORAL, RAT)	N/AV
WATER	87-95	7732-18	N/AV	N/AV

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE:</b> LIQUID	<b>ODOUR AND APPEARANCE:</b> MILD ODOR; REDISH COLOR SOLUTION		<b>THRESHOLD ODOUR (ppm):</b> N/AV
<b>VAPOUR PRESSURE:</b> 1.7mmHg (mm Hg)	<b>VAPOUR DENSITY:</b> 4.1 (Air = 1)	<b>EVAPORATION RATE: (n-Butyl acetate = 1)</b> as water	<b>BOILING POINT:</b> > 100°C
<b>PH:</b> 12.0 ± 0.5	<b>SPECIFIC GRAVITY:</b> 1.03 (Water = 1)	<b>COEFFICIENT OF WATER/OIL DISTRIBUTION:</b> 100% WATER SOLUBLE	
			<b>FREEZING POINT:</b> < 0°C

## SECTION 4 - FIRE AND EXPLOSION DATA

<b>FLAMMABILITY IF YES, UNDER WHICH CONDITIONS?</b> YES NO X			
<b>MEANS OF EXTINCTION:</b> AS FOR SURROUNDING FIRE			
<b>SPECIAL PROCEDURES:</b> NORMAL FIRE-FIGHTING PROCEDURES			
<b>FLASHPOINT AND METHOD:</b> N/AP	<b>UPPER FLAMMABILITY LIMIT: (% BY VOLUME)</b> N/AP	<b>LOWER FLAMMABILITY LIMIT: (% BY VOLUME)</b> N/AP	
<b>AUTOIGNITION TEMPERATURE:</b> N/AP	<b>HAZARDOUS COMBUSTION PRODUCTS:</b> OXIDES OF CARBON, OXIDES OF NITROGEN		
<b>EXPLOSION DATA:</b> N/AP		<b>SENSITIVITY TO STATIC DISCHARGE:</b> N/AP	

## SECTION 5 - REACTIVITY DATA

<b>CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS?</b> YES X NO	
<b>INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?</b> YES X NO STRONG ACIDS, STRONG OXIDIZING AGENTS	
<b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b> HEATED TO 250°C	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> NONE	