

# 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: MINIMAL NFPA HAZARD RATING: NONE HEALTH - 1 , FLAMMABILITY - 0 , REACTIVITY - 0

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER:</b> WOOD SEALER AND FINISH	
<b>PRODUCT USE:</b> WOOD SEALER AND WOOD FINISH	
<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 PROVINCE/STATE: B.C.	<b>CITY:</b> PROVINCE:
<b>POSTAL CODE:</b> V4G 1H7	<b>EMERGENCY TELEPHONE:</b> 1-800-535-5053
<b>POSTAL CODE:</b>	<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)
1-Methyl-2-Pyrrolidinone; N-Methyl Pyrrolidone	3.6	872-50-4	4200 mg/kg oral-rat	N/AV
N,N-Dimethylethanolamine	0.7	108-01-0	2g/kg oral-rat	1641 ppm/4H inhalation - rat
Glycol Ether DPM	0.5	34590-94-8	5.35 g/kg oral-rat	N/AV
Water	96	7732-18		

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE:</b> EMULSION	<b>ODOUR AND APPEARANCE:</b> MILD ODOR; MILK WHITE SOLUTION		<b>THRESHOLD ODOUR (ppm):</b> N/AV
<b>VAPOUR PRESSURE:</b> 17 mmHg (mm Hg)	<b>VAPOUR DENSITY:</b> <1 (Air = 1)	<b>EVAPORATION RATE:</b> >1 (WATER=1):	<b>BOILING POINT:</b> > 100°C
<b>pH:</b> 8.5±0.5	<b>SPECIFIC GRAVITY:</b> 1.035 (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> NONE	<b>UPPER FLAMMABILITY LIMIT: (% BY VOLUME)</b> N/AP	<b>LOWER FLAMMABILITY LIMIT: (% BY VOLUME)</b> N/AP	
<b>AUTOIGNITION TEMPERATURE:</b> NONE	<b>HAZARDOUS COMBUSTION PRODUCTS:</b> OXIDES OF CARBON		
<b>EXPLOSION DATA:</b> NO		<b>SENSITIVITY TO STATIC DISCHARGE:</b> NO	

## 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 OXIDIZING AGENTS			
<b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b> NONE			
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> NONE			

<b>PRODUCT IDENTIFIER: WOOD SEALER AND FINISH</b>			
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>			
ROUTE OF ENTRY:	SKIN CONTACT	X	SKIN ABSORPTION
		X	EYE CONTACT
		X	INHALATION
			INGESTION
			X
EFFECTS OF ACUTE EXPOSURE TO PRODUCT:			
INHALATION,EYE AND SKIN CONTACT MAY CAUSE IRRITATION			
INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:			
PROLONGED OR REPEATED EXPOSURE CAN CAUSE SKIN DRYING.			
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):	
NEOPRENE	MINIMUM - NIOSH APPROVED, ORGANIC VAPOUR CARTRIDGE FOR OVEREXPOSURES	CHEMICAL SPLASH GOGGLES	
FOOTWEAR (SPECIFY):	CLOTHING (SPECIFY):	OTHER (SPECIFY):	
IMPERVIOUS	NO	NO	
ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):			
GENERAL VENTILATION			
LEAK AND SPILL PROCEDURE:			
LARGE SPILL: DIKE WITH ABSORBENT, COLLECT IN DRUM. THEN DISPOSE, RINSE WITH WATER AND LET DRY.			
WASTE DISPOSAL:			
ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REQUIREMENTS.			
HANDLING PROCEDURES AND EQUIPMENT:			
NORMAL HANDLING PROCEDURES, AVOID SKIN AND EYE CONTACT.			
STORAGE REQUIREMENTS:			
STORE IN WELL VENTILATED AREAS, RECOMMENDED TEMPERATURE: 15°C (59°F)			
SPECIAL SHIPPING INFORMATION:			TDG. UN NUMBER
NORMAL PROCEDURES; KEEP FROM FREEZING.			N/AP
<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. SEEK MEDICAL ATTENTION IMMEDIATELY.			
CONTACT WITH SKIN: WASH WITH SOAP AND WATER . IF IRRITATION PERSISTS SEEK 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	October 2004	