

# 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 - 0**

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER:</b>	<b>MULTI PURPOSE CARPET CLEANER</b>		
<b>PRODUCT USE:</b>	MULTI PURPOSE CARPET AND UPHOLSTERY CLEANER		
<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>PROVINCE/STATE:</b>	B.C.
<b>POSTAL CODE:</b>	V4G 1H7	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053

## 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)
ISOPROPYL ALCOHOL (DIMETHYL CARBINOL)	5-10	67-63-0	5840 MG/KG (ORAL, RAT)	N/AV
POTASSIUM HYDROXIDE	1-2	1310-58-3	365 MG/KG (ORAL, RAT)	N/AV
C9-C11 LINEAR PRIMARY ALCOHOL ETHOXYLATE	1-5	68439-46-3	1400 MG/KG (ORAL, RAT)	N/AV
(POLYETHER DIMETHYLPOLYSILOXANE COPOLYMER) IN N-BUTOXYPROPANOL	6	5131-66-8	2200 MG/KG (ORAL, RAT)	N/AV
2-PROPANOL 1-PROPOXY / n-PROPOXYPROPANOL	1-5	1569-01-3	2920 MG/KG (ORAL, RAT)	N/AV

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE:</b>	LIQUID	<b>ODOUR AND APPEARANCE:</b>	NATURAL CITRUS ODOR; CLEAR LIGHT AMBER SOLUTION	<b>THRESHOLD ODOUR (ppm):</b>	N/AV
<b>VAPOUR PRESSURE:</b>	1.7mmHg	<b>VAPOUR DENSITY:</b>	4.1	<b>EVAPORATION RATE:(n-Butyl acetate = 1)</b>	0.22
<b>pH:</b>	11.5±0.5	<b>SPECIFIC GRAVITY:</b>	1.02±.01	<b>BOILING POINT:</b>	> 100 °C
		<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>AUTOIGNITION TEMPERATURE:</b>	NONE	<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	NONE
<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	

**PRODUCT IDENTIFIER: MULTI PURPOSE CARPET CLEANER**

### SECTION 6 - TOXICOLOGICAL PROPERTIES

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 THE SKIN.

EXPOSURE LIMITS: N/AV	IRRITANCY OF PRODUCT: SKIN AND EYE	SENSITIZATION TO PRODUCT: N/AV	CARCINOGENICITY: NO
TERATOGENICITY: N/AV	REPRODUCTIVE TOXICITY: N/AV	MUTAGENICITY: N/AV	SYNERGISTIC PRODUCTS: N/AV

### SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:  
GLOVES (SPECIFY):  
NEOPRENE OR RUBBER  
RESPIRATOR (SPECIFY):  
FOR SPILLS OR OVEREXPOSURE NIOSH APPROVED, ORGANIC VAPOUR CARTRIDGE  
EYE (SPECIFY):  
CHEMICAL SPLASH GOGGLES

FOOTWEAR (SPECIFY):  
IMPERVIOUS  
CLOTHING (SPECIFY):  
N/AP  
OTHER (SPECIFY):  
NO

ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):  
GENERAL VENTILATION NORMALLY ADEQUATE.

LEAK AND SPILL PROCEDURE:  
RINSE WITH WATER AND LET DRY

WASTE DISPOSAL:  
ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REQUIREMENTS.

HANDLING PROCEDURES AND EQUIPMENT:  
KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

STORAGE REQUIREMENTS:  
STORE IN WELL VENTILATED AREA.

SPECIAL SHIPPING INFORMATION: NORMAL PROCEDURES; KEEP FROM FREEZING	TDG. UN NUMBER N/AP
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### SECTION 8 - FIRST AID MEASURES

**SPECIFIC MEASURES:**  
  
CONTACT WITH EYES: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. SEEK MEDICAL ATTENTION IMMEDIATELY.  
  
CONTACT WITH SKIN: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION IMMEDIATELY.  
  
INGESTION: DO NOT INDUCE VOMITING. GIVE LOTS OF WATER OR MILK. SEEK MEDICAL ATTENTION.  
  
INHALATION: REMOVE TO FRESH AIR. IF DISCOMFORT PERSISTS OBTAIN MEDICAL ATTENTION.

### SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY: ULTRA CHEM INDUSTRIES LTD. DIRECTOR TECHNICAL SERVICES	PHONE NUMBER: (604) 946-8357	DATE: OCTOBER 2004
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