

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:MODERATE HEALTH-1, FLAMMABILITY-2, REACTIVITY-1

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER:	PROTECTOR		
PRODUCT USE:	CARPET PROTECTOR		
MANUFACTURER'S NAME:	ULTRA CHEM INDUSTRIES LTD.	SUPPLIERS NAME:	
STREET ADDRESS:	#1-7107 VENTURE STREET	STREET ADDRESS:	
CITY:	DELTA	PROVINC E/STATE:	B.C.
POSTAL CODE:	V4G 1H7	EMERGENCY TELEPHONE:	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)
ISOPARAFFINIC HYDROCARBON	50-80	64742-47-8	5 G/KG (ORAL,RAT)	5.9 MG/KG (RAT)
WATER	20-50	7732-18		

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	LIQUID	ODOUR AND APPEARANCE:	MINERAL SPIRITS ODOR; COLORLESS SOLUTION		THRESHOLD ODOUR (ppm):	N/AP		
VAPOUR PRESSURE: (mm Hg)	0.6	VAPOUR DENSITY: (Air = 1)	5.56	EVAPORATION RATE:(n- Butyl acetate = 1)	0.08	BOILING POINT:	178- 206°C	
pH:	N/AP	SPECIFIC GRAVITY: (Water = 1)	0.76	COEFFICIENT OF WATER/OIL DISTRIBUTION:	N/AV		FREEZING POINT:	-50°C

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS?					
YES	X	NO	WILL IGNITE IF EXPOSED TO OPEN FLAME, SPARKS OR HEAT		
MEANS OF EXTINCTION: USE DRY CHEMICAL CO2 OR ALCOHOL FOAM. ***DO NOT USE WATER TO FIGHT FIRE***					
SPECIAL PROCEDURES:					
FLASHPOINT AND METHOD:	49° C TCC. MIN.	UPPER FLAMMABILITY LIMIT: (% BY VOLUME)	7% BY VOLUME	LOWER FLAMMABILITY LIMIT: (% BY VOLUME)	0.6% BY VOL
AUTOIGNITION TEMPERATURE:	266° C	HAZARDOUS COMBUSTION PRODUCTS:		NONE	
EXPLOSION DATA:	STABLE	SENSITIVITY TO STATIC DISCHARGE:		N/AV	

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS?	
YES	X NO
INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?	
YES	X NO STRONG OXIDIZER
REACTIVITY, AND UNDER WHAT CONDITIONS?	
HEAT, SPARKS AND OPEN FLAME	
HAZARDOUS DECOMPOSITION PRODUCTS:	
NONE	

PRODUCT IDENTIFIER: PROTECTOR

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT **X** SKIN ABSORPTION EYE CONTACT **X** INHALATION **X** INGESTION **X**

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:
PROLONGED EXPOSURE OR INHALATION MAY CAUSE HEADACHES, NAUSEA, VOMITING

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:
CENTRAL NERVOUS SYSTEM DEPRESSION

EXPOSURE LIMITS: 300PPM	IRRITANCY OF PRODUCT: EYE IRRITANT	SENSITIZATION TO PRODUCT: SKIN IRRITANT	CARCINOGENICITY: NON-CARCINOGENIC
TERATOGENICITY: NONE	REPRODUCTIVE TOXICITY: NONE	MUTAGENICITY: NONE	SYNERGISTIC PRODUCTS: NONE

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES (SPECIFY): PVC GLOVES	RESPIRATOR (SPECIFY): NIOSH APPROVED RESPIRATOR	EYE (SPECIFY): CHEMICAL GLASSES
FOOTWEAR (SPECIFY): NONE	CLOTHING (SPECIFY): LONG SLEEVED SHIRT	OTHER (SPECIFY): TROUSERS

ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):
LOCAL MECHANICAL EXHAUST VENTILATION.

LEAK AND SPILL PROCEDURE:
COLLECT WITH NON-CONBUSTIBLE ABSORBENT MATERIAL AND PLACE IN DOT APPROVED WASTE CONTAINER

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

HANDLING PROCEDURES AND EQUIPMENT:
KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME

STORAGE REQUIREMENTS:
STORE IN COOL DRY PLACE, WELL VENTILATED.

SPECIAL SHIPPING INFORMATION: KEEP CONTAINER AWAY FROM INCOMPATIBLE MATERIAL	TDG. UN NUMBER N/AP
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SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES:

CONTACT WITH EYES: FLUSH WITH COPEOUS AMOUNTS OF POTABLE WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION, IMMEDIATELY.

CONTACT WITH SKIN: FLUSH WITH COPEOUS AMOUNTS OF POTABLE WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION, IMMEDIATELY.

GUARD AGAINST ASPERIATION INTO LUNGS.

INGESTION: DO NOT INDUCE VOMITING. GIVE LOTS OF WATER OR MILK. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION: REMOVE TO FRESH AIR. IF IRRITATION PERSISTS GET IMMEDIATE 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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