

# 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 - 1, FLAMMABILITY - 0, REACTIVITY - 0

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER:	ULTRA CARPET CARE / D-ODOR				
PRODUCT USE:	MALODOR ELIMINATOR				
MANUFACTURER'S NAME:	ULTRA CHEM INDUSTRIES LTD.	SUPPLIERS NAME:			
STREET ADDRESS:	#1-7107 VENTURE STREET	STREET ADDRESS			
CITY:	DELTA	PROVINC E/STATE:	B.C.	CITY:	PROVINCE:
POSTAL CODE:	V4G 1H7	EMERGENCY TELEPHONE:	1-800-535-5053	POSTAL CODE:	EMERGENCY TELEPHONE:

## 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-ALKYL(C12-18) DIMETHYL BENZL AMMONIUM CHLORIDE	1	68391-01-5	N/AV	7000 MG/KG (oral,rat)
N-ALKYL (C12-14) DIMETHYL ETHYL BENZYL AMMONIUM	1	68956-79-6	250 MG/KG (oral,rat)	7000 MG/KG (oral,rat)
DENATURED ALCOHOL	10	64-17-5	3450 MG/KG ORAL MOUSE	2000 PPM/10 H
WATER	88	7732-18	N/AV	N/AV

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	LIQUID	ODOUR AND APPEARANCE:	CHERRY SCENT; LIGHT AMBER COLOR LIQUID SOLUTION		THRESHOLD ODOUR (ppm):	N/AP			
VAPOUR PRESSURE: (mm Hg)	33 mmHg	VAPOUR DENSITY: (Air = 1)	<1	EVAPORATION RATE:(n-Butyl acetate = 1)	>1	BOILING POINT:	>85°C	FREEZING POINT:	<0° C
pH:	7.5-8.0	SPECIFIC GRAVITY: (Water = 1)	1.02	COEFFICIENT OF WATER/OIL DISTRIBUTION:	100% WATER SOLUBLE				

## SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? YES NO X					
MEANS OF EXTINCTION: AS FOR SURROUNDING FIRE					
SPECIAL PROCEDURES: NORMAL FIRE FIGHTING PROCEDURES					
FLASHPOINT AND METHOD:	N/AP	UPPER FLAMMABILITY LIMIT: (% BY VOLUME)	N/AP	LOWER FLAMMABILITY LIMIT: (% BY VOLUME)	N/AP
AUTOIGNITION TEMPERATURE:	N/AP	HAZARDOUS COMBUSTION PRODUCTS:	NONE		
EXPLOSION DATA: SENSITIVITY TO IMPACT:	N/AP	SENSITIVITY TO STATIC DISCHARGE:			N/AP

## 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 ANIONIC SURFACTANT	
REACTIVITY, AND UNDER WHAT CONDITIONS? NONE	
HAZARDOUS DECOMPOSITION PRODUCTS: NONE	

**PRODUCT IDENTIFIER: ULTRA CARPET CARE / D-ODOR**

## SECTION 6 - TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

EYE AND/OR SKIN CONTACT, INHALATION, INGESTION: MAY CAUSE IRRITATION.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

EYE AND SKIN IRRITATION

EXPOSURE LIMITS: N/AV	IRRITANCY OF PRODUCT: EYE AND SKIN CONTACT	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): N/AP	EYE (SPECIFY): SAFETY GLASSES
FOOTWEAR (SPECIFY): IMPERVIOUS	CLOTHING (SPECIFY): N/AP	OTHER (SPECIFY): NONE

ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):

GENERAL VENTILATION NORMALLY ADEQUATE.

LEAK AND SPILL PROCEDURE:

COLLECT SPILL WITH NON REACTIVE ABSORBENT MATERIAL AND PLACE IN CONTAINER

WASTE DISPOSAL:

ACCORDING TO LOCAL, PROVINCIAL, AND FEDERAL GOVERNMENT REQUIREMENTS.

HANDLING PROCEDURES AND EQUIPMENT:

NORMAL HANDLING PROCEDURES

STORAGE REQUIREMENTS:

STORE IN COOL DRY AREA.

SPECIAL SHIPPING INFORMATION:

NORMAL SHIPPING PROCEDURES. KEEP FROM FREEZING.

TDG. UN NUMBER

N/AP

## SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES:

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

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

INGESTION: DRINK 3-4 GLASSES OF MILK OR WATER; DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

## SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY: ULTRA CHEM INDUSTRIES LTD. DIRECTOR TECHNICAL SERVICES	PHONE NUMBER: (604) 946-8357	DATE: OCTOBER 04
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