

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: MODERATE NFPA HAZARD RATING: MODERATE HEALTH - 1, FLAMMABILITY - 2, REACTIVITY - 1

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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|-----------------------------|--|-----------------------------|----------------|---------------------|-----------------------------|
| PRODUCT IDENTIFIER: | ULTRA CARPET CARE / SPECIAL STAIN REMOVER | | | | |
| PRODUCT USE: | EXTREMELY HEAVY DUTY STAIN REMOVER FOR CARPET, UPHOLSTERY OR LAUNDRY | | | | |
| 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) |
|--------------------------|-------|------------|--|--|
| ETHANEDIOIC ACID | 15-20 | 144-62-7 | 375 MG/KG(ORAL,RAT) | N/AV |
| CITRIC ACID (FOOD GRADE) | 10-15 | 77-92-9 | N/AP | N/AP |
| MALIC ACID (FOOD GRADE) | 10-15 | 6915-15-7 | N/AP | N/AP |
| SODIUM SULPHATE | 50-65 | 7757-82-6 | N/AP | N/AP |

SECTION 3 - PHYSICAL DATA

| | | | | | | | | | |
|-----------------------------|--------|------------------------------|------|---|-------------------------|-----------------------------------|------|------------------------|------|
| PHYSICAL STATE: | POWDER | ODOUR AND APPEARANCE: | | | ODORLESS; WHITE CRYSTAL | THRESHOLD ODOUR (ppm): | N/AP | | |
| VAPOUR PRESSURE: | N/AP | VAPOUR DENSITY: | N/AP | EVAPORATION RATE:(n-Butyl acetate = 1) | N/AP | BOILING POINT: | N/AP | FREEZING POINT: | N/AP |
| pH: | 6.6 | SPECIFIC GRAVITY: | N/AP | COEFFICIENT OF WATER/OIL DISTRIBUTION: | | SOLUBLE IN WATER | | | |

SECTION 4 - FIRE AND EXPLOSION DATA

| | | | | | |
|---|--|--|--------------------------|--|------|
| FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? | SPARKS, OPEN FLAMES AND EXCESSIVE HEAT | | | | |
| YES | <input checked="" type="checkbox"/> | NO | <input type="checkbox"/> | | |
| MEANS OF EXTINCTION: | CARBON DIOXIDE, DRY CHEMICAL, FOAM WATER FOG | | | | |
| SPECIAL PROCEDURES: | NORMAL FIRE FIGHTING PROCEDURES | | | | |
| FLASHPOINT AND METHOD: | NONE | UPPER FLAMMABILITY LIMIT: (% BY VOLUME) | N/AP | LOWER FLAMMABILITY LIMIT: (% BY VOLUME) | N/AP |
| AUTOIGNITION TEMPERATURE: | N/AP | HAZARDOUS COMBUSTION PRODUCTS: | OXIDES OF CARBON | | |
| EXPLOSION DATA: | N/AP | SENSITIVITY TO STATIC DISCHARGE: | NO | | |

SECTION 5 - REACTIVITY DATA

| | | | |
|--|---|--|--|
| CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS? | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | |
| INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES? | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> OXIDIZABLE AGENTS | | |
| REACTIVITY, AND UNDER WHAT CONDITIONS? | EXCESSIVE HEAT, SPARKS AND OPEN FLAME | | |
| HAZARDOUS DECOMPOSITION PRODUCTS: | CARBON MONOXIDE FORMIC ACID | | |

PRODUCT IDENTIFIER: **ULTRA CARPET CARE / SPECIAL STAIN REMOVER**

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:

SEVERE SKIN AND EYE IRRITANT.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

PROLONGED CONTACT MAY CAUSE LIVER AND KIDNEY PROBLEMS.

| | | | |
|--------------------------|---|---|-------------------------------|
| EXPOSURE LIMITS: N/AV | IRRITANCY OF PRODUCT: SEVERE EYE & SKIN IRRITANT | SENSITIZATION TO PRODUCT: CAUSES BURNS | CARCINOGENICITY: NONE |
| TERATOGENICITY: N/AV | REPRODUCTIVE TOXICITY: N/AV | MUTAGENICITY: N/AV | SYNERGISTIC PRODUCTS: N/AV |

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

| | | |
|---|--|---|
| GLOVES (SPECIFY): RUBBER OR NEOPRENE | RESPIRATOR (SPECIFY): DUST MASK | EYE (SPECIFY): CHEMICAL SPLASH GOGGLES |
| FOOTWEAR (SPECIFY): IMPERVIOUS | CLOTHING (SPECIFY): IMPERVIOUS CLOTHING | OTHER (SPECIFY): NO |

ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):

GOOD MECHANICAL VENTILATION

LEAK AND SPILL PROCEDURE:

SWEEP UP AND SHOVEL INTO DOT APPROVED WASTE CONTAINERS.

WASTE DISPOSAL:

ACCORDING TO LOCAL, PROVINCIAL, AND FEDERAL GOVERNMENT REQUIREMENTS.

HANDLING PROCEDURES AND EQUIPMENT:

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

STORAGE REQUIREMENTS:

COOL; DRY; WELL VENTILATED AREA. KEEP AWAY FROM OTHER CHEMICALS AND POTENTIAL SOURCES OF CONTAMINATION.

SPECIAL SHIPPING INFORMATION:

EMPTY CONTAINERS CAN HAVE RESIDUES. TREAT AS FULL

TDG. UN NUMBER

N/AP

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES:

INGESTION: GIVE LOTS OF WATER, MILK OR A DILUTED SOLUTION OF CALCIUM OR MILK OF MAGNESIUM. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

EYE CONTACT: IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER. SEEK IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT: WASH SKIN WITH STRONG SOLUTION OF EPSOM SALTS. REMOVE AND WASH CONTAMINATED CLOTHES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION IF DISCOMFORT PERSISTS.

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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