



# MATERIAL SAFETY DATA SHEET

## PROXI SPRAY AND WALK AWAY

### SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME : ROCHESTER MIDLAND LIMITED  
 MANUFACTURERS ADDRESS : 851 PROGRESS COURT  
 OAKVILLE, ONTARIO  
 EMERGENCY PHONE NUMBER: CANUTEC (613) 996-6666  
 SUPPLIER IDENTIFIER: NOT AVAILABLE  
 SUPPLIER'S ADDRESS: NOT AVAILABLE  
 SUPPLIER EMERGENCY PHONE NUMBER: NOT AVAILABLE  
 PRODUCT NAME : PROXI SPRAY AND WALK AWAY  
 PRODUCT USE : CARPET/ UPHOLSTERY STAIN REMOVER AND DEODORIZER  
 WHMIS CATEGORY: D2B  
 PREPARED BY : ROCHESTER MIDLAND LIMITED.  
 PHONE NUMBER OF PREPARER: (905) 847-3000  
 DATE PREPARED: AUGUST 31, 2006

### SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
HYDROGEN PEROXIDE	3-7	7722-84-1	ACGIH TLV-TWA 1 ppm OSHA PEL-TWA 1 ppm IDLH : 75 ppm.	ORAL 1517 mg/ Kg (9.6% SOL'N) (RAT)	2000 mg/ m <sup>3</sup> 4 HOUR EXPOSURE (RAT) (UNSPECIFIED CONC.)

### SECTION 03: HAZARDS IDENTIFICATION

#### POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INHALATION, INGESTION

SKIN CONTACT: MAY CAUSE IRRITATION AND WHITENING/ BLEACHING OF THE SKIN

SKIN ABSORPTION : NOT AVAILABLE

EYE: WILL CAUSE MODERATE IRRITATION. DIRECT CONTACT MAY CAUSE POSSIBLE TISSUE DAMAGE.

INHALATION: INHALATION OF SPRAY MIST OR VAPOURS MAY CAUSE IRRITATION TO NOSE AND THROAT, SORE THROAT AND COUGHING.

INGESTION: MAY CAUSE IRRITATION, NAUSEA, VOMITING. INGESTION IS NOT A TYPICAL ROUTE OF OCCUPATIONAL EXPOSURE.

ACUTE OVER-EXPOSURE EFFECTS: AS ABOVE.

CHRONIC OVER EXPOSURE EFFECTS: OVEREXPOSURE MAY AGGRAVATE PREVIOUSLY EXISTING SKIN DISORDERS.

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## SECTION 04: FIRST AID MEASURES

EYES: FLUSH EYES WITH ABUNDANT WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN TO ENSURE COMPLETE IRRIGATION OF THE ENTIRE EYE CAVITY. **GET IMMEDIATE MEDICAL ATTENTION.**

SKIN: WASH SKIN WITH SOAP AND WATER FOR AT LEAST 20 MINUTES. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

INHALATION: REMOVE VICTIM TO FRESH AIR. ASSIST BREATHING AS NEEDED. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

INGESTION: **DO NOT INDUCE VOMITING.** IF VICTIM CONSCIOUS, GIVE 1 - 2 GLASSES OF WATER TO DILUTE STOMACH CONTENTS. **GET MEDICAL ATTENTION.** NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTES TO PHYSICIAN: ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS/SYMPTOMS OF DISTRESS IN THE PATIENT. THE POSSIBILITY OF OVEREXPOSURE TO MATERIALS OTHER THAN THIS PRODUCT SHOULD BE CONSIDERED

## SECTION 05: FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD OF DETERMINATION: NONE. (TCC)

UPPER EXPLOSION LIMIT (% BY VOLUME): NONE

LOWER EXPLOSION LIMIT (% BY VOLUME): NONE

AUTO-IGNITION TEMPERATURE: NONE

FLAMMABILITY CLASSIFICATION: NON-FLAMMABLE LIQUID

CONDITIONS OF FLAMMABILITY: HYDROGEN PEROXIDES SOLUTIONS OF LESS THAN 8% ARE VERY WEAK OXIDIZING AGENT. IN A FIRE, HYDROGEN PEROXIDE COMPONENT MAY RELEASE OXYGEN WHICH CAN INCREASE THE BURNING RATE OF FLAMMABLE MATERIALS.

MEANS OF EXTINCTION: AS FOR SURROUNDING FIRE.

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE EQUIPMENT AND USE APPROVED SELF CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE RUPTURE. DO NOT SPATTER OR SPLASH PRODUCT.

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND NITROGEN.

EXPLOSION DATA: NOT APPLICABLE.

SENSITIVITY TO STATIC DISCHARGE: NOT SENSITIVE.

SENSITIVITY TO MECHANICAL IMPACT: NOT SENSITIVE

## SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURES: CLEANUP PERSONNEL MUST USE FULL PROTECTIVE EQUIPMENT. REMOVE UNPROTECTED PERSONNEL AWAY FROM SPILL AREA. VENTILATE AREA. CAUTION: SPILL AREA MAY BE SLIPPERY.

SMALL SPILLS: WIPE UP SPILL. FLUSH AREA WITH WATER.

LARGE SPILLS: DIKE SPILL. DO NOT ALLOW SPILL TO ENTER OPEN WATERWAYS OR SEWERS. RECLAIM ALL MATERIAL POSSIBLE. ABSORB REMAINDER WITH INERT MATERIAL AND PLACE IN SUITABLE, CORROSION RESISTANT CONTAINERS FOR DISPOSAL. FLUSH AREA WITH ABUNDANT WATER.

## SECTION 07: HANDLING AND STORAGE

### HANDLING PROCEDURES

AND EQUIPMENT: AVOID ALL SKIN AND EYE CONTACT. DO NOT GENERATE AND BREATHE VAPOURS/MISTS. DO NOT REUSE EMPTY CONTAINERS. EMPTY CONTAINERS MAY RETAIN PRODUCT FUMES. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE. WASH HANDS THOROUGHLY AFTER USE. MIX ONLY WITH WATER. DO NOT MIX WITH CHLORINE CONTAINING PRODUCTS. READ AND FOLLOW LABEL INSTRUCTIONS. DO NOT CONTAMINATE FOOD, WATER OR FEED DURING USE OR STORAGE OF THIS PRODUCT. USE IN A WELL VENTILATED AREA. RELEASE LID PRESSURE SLOWLY WHILE OPENING PRODUCT.

### STORAGE

REQUIREMENTS: STORE IN A COOL, DRY AREA AWAY FROM INCOMPATIBLE MATERIALS. AVOID EXPOSURE TO HIGH TEMPERATURES. KEEP CONTAINER TIGHTLY CLOSED. DO NOT FREEZE. KEEP OUT OF REACH OF CHILDREN. DO NOT RE-USE EMPTY CONTAINERS.

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## SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

EYE PROTECTION: WEAR CHEMICAL SPLASH GOGGLES.  
RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. IF MIST IS IN AIR AND CAUSES IRRITATION, USE NIOSH-APPROVED RESPIRATOR .  
GLOVES: WEAR ACID RESISTANT RUBBER OR NITRILE GLOVES  
OTHER PROTECTIVE EQUIPMENT: AS NEEDED TO PREVENT ALL CONTACT WITH PRODUCT.  
SPECIFIC ENGINEERING CONTROLS..... USE IN A WELL VENTILATED AREA. USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST IF EXPOSURE LIMITS ARE EXCEEDED. USE CORROSION RESISTANT EQUIPMENT.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID  
ODOUR AND APPEARANCE: MILD ODOUR, CLEAR WATER WHITE LIQUID  
ODOUR THRESHOLD: NOT AVAILABLE  
SPECIFIC GRAVITY: 1.016-1.036  
VAPOUR PRESSURE : AS WATER  
VAPOUR DENSITY (AIR=1): AS WATER  
VOC CONTENT (% ): 0 (EPA METHOD 24)  
EVAPORATION RATE; AS WATER  
BOILING POINT; 100<sup>0</sup> C ( 212<sup>0</sup> F )  
PH: 7.75-8.15  
FREEZING POINT: NOT AVAILABLE  
DENSITY (g/ ml): 1.016-1.036  
COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETELY WATER SOLUBLE

## SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL USE. HYDROGEN PEROXIDE COMPONENT MAY CAUSE CONTAINER SWELLING WHEN EXPOSED TO ELEVATED TEMPERATURES OR EXTREME AGITATION.  
INCOMPATIBLE MATERIALS: DO NOT MIX WITH CHLORINE CONTAINING PRODUCTS, ALKALIS, REDUCING AGENTS. AVOID CONTACT WITH ZINC, ALUMINIUM OR OTHER "SOFT" METALS.  
CONDITIONS OF REACTIVITY: NONE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.  
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN.

## SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: MODERATE SKIN IRRITANT, MODERATE EYE IRRITANT  
SENSITIZATION TO MATERIAL: NOT AVAILABLE  
CARCINOGENICITY,: NO KNOWN CARCINOGENS LISTED BY OSHA, IARC OR NTP. HYDROGEN PEROXIDE COMPONENT HAS AN ACGIH CLASSIFICATION OF A3 - CONFIRMED ANIMAL CARCINOGEN WITH UNKNOWN RELEVANCE TO HUMANS  
REPRODUCTIVE EFFECTS: NO KNOWN REPRODUCTIVE EFFECTS  
TERATOGENICITY: NO STUDIES WERE FOUND FOR POSSIBLE TERATOGENIC EFFECTS OF HYDROGEN PEROXIDE IN HUMANS OR EXPERIMENTAL ANIMALS.  
MUTAGENICITY: HYDROGEN PEROXIDE COMPONENT HAS BEEN SHOWN TO BE MUTAGENIC FOR BACTERIA AND YEAST.  
TOXICOLOGICALLY SYNERGISTIC PRODUCTS: EXPOSURE TO HYDROGEN PEROXIDE COMPONENT INCREASED THE TOXICITY OF OZONE IN ANIMALS. INCREASED AIRWAYS RESISTANCE WAS OBSERVED IN VOLUNTEERS EXPOSED TO HYDROGEN PEROXIDE AND SULFUR DIOXIDE AEROSOLS AT THE SAME TIME.

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## SECTION 12: ECOLOGICAL INFORMATION

THERE IS NO ECOLOGICAL INFORMATION AVAILABLE FOR PRODUCT. INDIVIDUAL COMPONENT INFORMATION (AS AVAILABLE) ONLY. ECOTOXICOLOGICAL INFORMATION TO FOLLOW IS BASED LARGELY OR COMPLETELY ON INFORMATION FOR INDIVIDUAL COMPONENTS EXPRESSED ON A 100% ACTIVE INGREDIENT BASIS.

AQUATIC TOXICITY:

FISH SPECIES DATA: HYDROGEN PEROXIDE LC 50, 96 HR , FRESHWATER CHANNEL CATFISH: 37.4 mg/ L

HYDROGEN PEROXIDE LC 50, 48 HR CARP:42 mg/ L

HYDROGEN PEROXIDE LC 50, 48 HR FINGERLING TROUT:>40 ppm

HYDROGEN PEROXIDE NOEC, 96 HR FATHEAD MINNOW: 5 mg/ L

HYDROGEN PEROXIDE LC 50, 96 HR FATHEAD MINNOW: 22-35 mg / L

HYDROGEN PEROXIDE LC 50, 96 HR, FATHEAD MINNOW: 16.4 mg/ L

INVERTEBRATES DATA: HYDROGEN PEROXIDE, LC 50 , DAPHNIA PULEX: 2.4 mg/ L

HYDROGEN PEROXIDE, EC 50, 24 HR , DAPHNIA MAGNA: 7.7 mg/ L

HYDROGEN PEROXIDE, LC 50, 96 HR , FRESHWATER SNAIL: 17.7 mg/ L

ALGAE DATA: FRESHWATER ALGAE ARE AFFECTED BY HYDROGEN PEROXIDE CONCENTRATIONS FROM 2- 20 mg/ L, WHILE 1 mg/ L AFFECTS CERTAIN MARINE ALGAE.

HYDROGEN PEROXIDE, EC50, 72 - 96 HOURS, ALGAE, VARIOUS SPECIES IN FRESH WATER : 3.7 TO 160 mg/L

HYDROGEN PEROXIDE, EC50, 72 - 96 HOURS ALGAE (NITZCHIA CLOSTERIUM) IN SALT WATER: 0.85 mg/L

BIODEGRADABILITY: RAPID AND CONSIDERABLE AEROBIC BIODEGRADATION OF THE HYDROGEN PEROXIDE COMPONENT WAS DETERMINED WITH A HALF LIFE OF <1 MINUTE( BIOLOGICAL TREATMENT SLUDGE) AND 0.3 TO 2 DAYS (FRESHWATER).

MOBILITY: NO DATA

PERSISTENCE: NO DATA

BIOACCUMULATIVE: HYDROGEN PEROXIDE IS DECOMPOSED BY ENZYMATIC ACTION AND DOES NOT ACCUMULATE IN CELL SYSTEMS.

CHEMICAL FATE INFORMATION: NO DATA

OTHER INFORMATION: TROPOSPHERIC HALF LIFE OF HYDROGEN PEROXIDE IS NORMALLY 10-20 HOURS. SOIL HALF LIFE VARIES BETWEEN SEVERAL MINUTES TO 15 HOURS. DECOMPOSITION IN SOIL TAKES MINUTES OR SEVERAL HOURS DEPENDING UPON THE MINERAL CONTENT AND CONCENTRATION OF MICROORGANISMS. DECOMPOSES INTO WATER AND OXYGEN.

## SECTION 13: DISPOSAL CONSIDERATIONS

IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

## SECTION 14: TRANSPORT INFORMATION

TDG (CANADA): NOT REGULATED UNDER TDG

ADDITIONAL INFORMATION: NOT AVAILABLE

MARINE POLLUTANT: NO

## SECTION 15: REGULATORY INFORMATION:

DSL STATUS: LISTED

WHMIS CLASSIFICATION: D2B

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR(CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

## SECTION 16: OTHER INFORMATION

DISCLAIMER: THIS INFORMATION WAS COMPILED FROM CURRENT, RELIABLE SOURCES AND IS BELIEVED TO BE CORRECT. AS DATA AND/ OR REGULATIONS CHANGE, AND CONDITIONS OF USE ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.