



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, 2009

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 NIOSH TWA 1 ppm IDLH: 75 ppm.	ORAL 376 mg/ Kg (RAT) 805-1232 mg/ Kg (RAT)(35% SOLUTION) DERMAL >2000 mg/ Kg (RABBIT)(35% SOL'N)	>2000 mg/ m ³ 4 HOUR EXPOSURE 90% SOLUTION (RAT)

SECTION 03: HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INHALATION, INGESTION

SKIN CONTACT: MAY CAUSE IRRITATION. MAY WHITEN OR BLEACH 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. NOT EXPECTED TO PRESENT A SIGNIFICANT INHALATION HAZARD UNDER NORMAL USE CONDITIONS.

INGESTION: MAY BE HARMFUL IF SWALLOWED. 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.

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

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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 THAT 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 AS LISTED IN PERSONAL PROTECTION SECTION. 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. AVOID EXCESSIVE INHALATION OF SPRAY 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. AVOID EXCESSIVE AGITATION OF CONTAINER

STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA AWAY FROM INCOMPATIBLE MATERIALS AND EXCESSIVE TEMPERATURES. AVOID EXCESSIVE AGITATION OF CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT FREEZE. KEEP OUT OF REACH OF CHILDREN. DO NOT RE-USE EMPTY CONTAINERS.

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 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.

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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; 100⁰ C (212⁰ 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: AGITATION AND/OR EXPOSURE TO HEAT OR DIRECT SUNLIGHT MAY CAUSE PRODUCT PACKAGE TO BLOAT.
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 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. IARC HAS CONCLUDED THERE IS INADEQUATE EVIDENCE FOR CARCINOGENICITY OF HYDROGEN PEROXIDE IN HUMANS BUT LIMITED EVIDENCE IN EXPERIMENTAL ANIMALS (GROUP 3- NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS).
REPRODUCTIVE EFFECTS: NO KNOWN REPRODUCTIVE EFFECTS
TERATOGENICITY: HYDROGEN PEROXIDE COMPONENT IS NOT EXPECTED TO BE TERATOGENIC.
MUTAGENICITY: HYDROGEN PEROXIDE COMPONENT HAS BEEN SHOWN TO BE MUTAGENIC FOR BACTERIA AND YEAST BUT MUTAGENIC ACTIVITY IN MAMMALIAN CELLS IS LOW.
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. ECOTOXICOLOGICAL INFORMATION TO FOLLOW IS BASED LARGELY OR COMPLETELY ON INFORMATION FOR INDIVIDUAL COMPONENTS.

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 : 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: 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

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

BIODEGRADABILITY: HYDROGEN PEROXIDE COMPONENT IS INORGANIC AND THEREFORE NOT AMENABLE TO BIODEGRADATION. IT HAS NO BOD

MOBILITY: NOT AVAILABLE

PERSISTENCE: NOT AVAILABLE

BIOACCUMULATIVE: HYDROGEN PEROXIDE COMPONENT IS NOT EXPECTED TO BIOACCUMULATE.

CHEMICAL FATE

INFORMATION: NOT AVAILABLE

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: NOT REGULATED UNDER TDG

ADDITIONAL INFORMATION: NOT AVAILABLE

MARINE POLLUTANT: NO

SECTION 15: REGULATORY INFORMATION:

DSL STATUS: LISTED

HMIS CLASSIFICATION (H, F, R, PE): 1,0,1, B

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.