



# MATERIAL SAFETY DATA SHEET

## PRS WATER DAMAGE- PRE CLEAN

### 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: PRS WATER DAMAGE- PRECLEAN  
 PRODUCT USE: MICROBIAL BASED CLEANER  
 WHMIS CATEGORY: D2B  
 PREPARED BY: ROCHESTER MIDLAND LIMITED.  
 PHONE NUMBER OF PREPARER: (905) 847-3000  
 DATE PREPARED: JULY 1, 2013



### SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
NO HAZARDOUS INGREDIENTS LISTED ON WHMIS INGREDIENT DISCLOSURE LIST.					
OTHER INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
VIABLE BACTERIAL CULTURES	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

### SECTION 03: HAZARDS IDENTIFICATION

#### POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INHALATION, INGESTION

SKIN CONTACT: MAY CAUSE IRRITATION. ORGANISMS USED ARE NON-PATHOGENIC BUT CAN CAUSE INFECTION WHEN IN CONTACT WITH OPEN WOUNDS OR BROKEN SKIN. THESE ORGANISMS ARE SUSCEPTIBLE TO MANY COMMONLY -USED ANTIBIOTICS.

SKIN ABSORPTION : SYSTEMATICALLY TOXIC CONCENTRATIONS WILL PROBABLY NOT BE ABSORBED THROUGH THE SKIN.

EYE: DIRECT CONTACT MAY CAUSE IRRITATION.

INHALATION: MAY CAUSE IRRITATION, COUGHING, CONGESTION.

INGESTION: MAY CAUSE IRRITATION, NAUSEA OR VOMITING.

#### ACUTE OVER-EXPOSURE

EFFECTS: AS ABOVE. EXCESSIVE OVEREXPOSURE MAY CAUSE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA AND VOMITING.

#### CHRONIC OVER EXPOSURE

EFFECTS: OVER EXPOSURE MAY AGGRAVATE PRE-EXISTING SKIN AND RESPIRATORY 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 MEDICAL ATTENTION.

SKIN: WASH SKIN WITH SOAP AND WATER . 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 TO BOILING, TCC

UPPER EXPLOSION LIMIT (% BY VOLUME): NOT AVAILABLE

LOWER EXPLOSION LIMIT (% BY VOLUME): NOT AVAILABLE

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABILITY CLASSIFICATION: NON-FLAMMABLE

CONDITIONS OF FLAMMABILITY: NONE

MEANS OF EXTINGUISHMENT: USE WATER SPRAY, DRY CHEMICAL OR FOAM.

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. DIKE TO CONTAIN WATER USED IN FIGHTING FIRE. DO NOT ALLOW THIS WATER INTO OPEN WATERWAYS OR SEWERS

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: REMOVE UNPROTECTED PERSONNEL AWAY FROM SPILL AREA. VENTILATE AREA. CLEANUP PERSONNEL MUST WEAR APPROPRIATE EQUIPMENT AS OUTLINED IN PERSONAL PROTECTION SECTION. CAUTION: SPILL AREA MAY BE SLIPPERY.

SMALL SPILLS: MOP UP, FLUSH RESIDUE WITH WATER.

LARGE SPILLS: DIKE SPILL. RECLAIM ALL MATERIAL POSSIBLE. ABSORB REMAINDER WITH INERT MATERIAL AND PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. FLUSH RESIDUE WITH WATER. CLEAN SPILL AREA WITH DETERGENT AND WATER.

## SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: AVOID EXCESSIVE INHALATION OF MISTS/SPRAYS. AVOID CONTACT WITH EYES , SKIN AND CLOTHING. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. AVOID CONTACT WITH OPEN WOUNDS OR BROKEN SKIN. WASH SKIN THOROUGHLY WITH SOAP AND WATER AFTER USE. KEEP CONTAINER CLOSED WHEN NOT IN USE. READ AND FOLLOW ALL PRODUCT LABELS . DO NOT CONTAMINATE FOOD, FEED OR POTABLE WATER DURING USE OR STORAGE OF THIS PRODUCT. MIX ONLY WITH WATER.

STORAGE REQUIREMENTS: KEEP OUT OF REACH OF CHILDREN. STORE AWAY FROM FOOD ITEMS AND POTABLE WATER SYSTEMS. STORE INDOORS IN A COOL WELL VENTILATED AREA . ( MIN 4 °C MAX 60 °C). AVOID EXPOSURES TO TEMPERATURE EXTREMES TO MAINTAIN SHELF LIFE. DO NOT RE-USE CONTAINER. STORE IN ORIGINAL CONTAINER. DO NOT FREEZE.

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## SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

GENERAL ADVICE: THESE RECOMMENDATIONS PROVIDE GENERAL GUIDANCE FOR HANDLING THIS PRODUCT. PERSONAL PROTECTIVE EQUIPMENT SHOULD BE SELECTED FOR INDIVIDUAL APPLICATIONS AND SHOULD CONSIDER FACTORS WHICH AFFECT EXPOSURE POTENTIAL, SUCH AS HANDLING PRACTICES, CHEMICAL CONCENTRATIONS AND VENTILATION. IT IS ULTIMATELY THE RESPONSIBILITY OF THE EMPLOYER TO FOLLOW REGULATORY GUIDELINES ESTABLISHED BY LOCAL AUTHORITIES

EYE PROTECTION: WEAR CHEMICAL SAFETY GLASSES WITH SIDE SHIELDS.

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF EXPOSURE LEVELS ARE EXCEEDED OR IF SPRAY MIST CAUSES IRRITATION.

GLOVES: WEAR RUBBER, NEOPRENE OR VINYL GLOVES. INCIDENTAL SKIN CONTACT IS NOT EXPECTED TO CAUSE ANY SIGNIFICANT IRRITATION.

OTHER PROTECTIVE EQUIPMENT: AS NEEDED TO PREVENT ALL CONTACT WITH PRODUCT.

SPECIFIC ENGINEERING CONTROLS: NONE NORMALLY REQUIRED. USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST AS NEEDED IF MIST IN THE AIR.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

ODOUR AND APPEARANCE: OPAQUE WHITE LIQUID WITH MILD CHEMICAL ODOUR.

ODOUR THRESHOLD: NOT AVAILABLE

SPECIFIC GRAVITY: 0.992-1.012

VAPOUR PRESSURE : NOT AVAILABLE

VAPOUR DENSITY (AIR=1): NOT AVAILABLE

VOC CONTENT (%): <1 (EPA METHOD 24)

EVAPORATION RATE; AS WATER

BOILING POINT; NOT AVAILABLE

PH: 6.9-7.9

FREEZING POINT: 0 °C (32 °F) (VIABLE BACTERIAL CULTURES WILL DIE AT LOW TEMPERATURES). DO NOT FREEZE.

DENSITY (g/ ml): 0.992-1.012

COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETELY WATER SOLUBLE

## SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS. ( MIN 4 °C MAX 60 °C) AND WHEN USED AS DIRECTED.

INCOMPATIBLE MATERIALS: AVOID OXIDIZERS, STRONG ACIDS OR ALKALIS AS MAY INACTIVATE BACTERIAL CULTURES.

CONDITIONS OF REACTIVITY: AVOID TEMPERATURE EXTREMES AS VIABLE BACTERIAL CULTURES MAY BE INACTIVATED.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN

## SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: MILD IRRITANT

SENSITIZATION TO MATERIAL: INDIVIDUALS WITH A HISTORY OF DERMAL ALLERGIC REACTION MAY EXPERIENCE SLIGHT REDNESS ON HANDS AND FOREARMS.

CARCINOGENICITY,: NO KNOWN CARCINOGENS LISTED BY OSHA, IARC OR NTP.

REPRODUCTIVE EFFECTS: NO KNOWN REPRODUCTIVE EFFECTS.

TERATOGENICITY: NOT AVAILABLE.

MUTAGENICITY: NOT AVAILABLE.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: NOT AVAILABLE.

OTHER INFORMATION: ORGANISMS USED ARE NON-PATHOGENIC AND MAY CAUSE INFECTION WHEN IN CONTACT WITH OPEN WOUNDS OR BROKEN SKIN. THESE ORGANISMS ARE SUSCEPTIBLE TO MANY COMMONLY - USED ANTIBIOTICS.

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## SECTION 12: ECOLOGICAL INFORMATION

THERE IS NO ECOLOGICAL INFORMATION AVAILABLE FOR PRODUCT. ONLY. ECOTOXICOLOGICAL INFORMATION TO FOLLOW IS BASED LARGELY OR COMPLETELY ON INFORMATION FOR COMPONENTS.

AQUATIC TOXICITY:

FISH SPECIES DATA: NOT AVAILABLE  
INVERTEBRATES: NOT AVAILABLE  
MICROORGANISMS: NOT AVAILABLE  
(GROWTH INHIBITION) PLANTS: NOT AVAILABLE

BIODEGRADABILITY: THE ORGANIC COMPONENTS OF THIS PRODUCT ARE BIODEGRADABLE.

MOBILITY: NOT AVAILABLE.  
PERSISTENCE: NOT AVAILABLE  
BIOACCUMULATIVE: NOT AVAILABLE  
CHEMICAL FATE INFORMATION: NOT AVAILABLE.  
OTHER INFORMATION: NOT AVAILABLE.

## 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): 1,0,0, 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.