



MATERIAL SAFETY DATA SHEET

PRS FUEL OIL

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:
SUPPLIER'S ADDRESS: NOT AVAILABLE
SUPPLIER EMERGENCY: NOT AVAILABLE
PHONE NUMBER: NOT AVAILABLE
PRODUCT NAME: PRS FUEL OIL
PRODUCT USE: BIOLOGICAL BASED HARD SURFACE CLEANER FOR OIL/PETROLEUM RESIDUES
WHMIS CATEGORY: D2B
PREPARED BY: ROCHESTER MIDLAND LIMITED.
PHONE NUMBER OF PREPARER: (905) 847-3000
DATE PREPARED: JUNE 1, 2013



SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
NO HAZARDOUS COMPONENTS LISTED ON WHMIS INGREDIENT DISCLOSURE LIST					
OTHER INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
VIALB 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: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. ORGANISMS USED ARE NON-PATHOGENIC BUT MAY CAUSE INFECTION WHEN IN CONTACT WITH OPEN WOUNDS OR BROKEN SKIN. THESE ORGANISMS ARE SUSCEPTIBLE TO MANY COMMONLY -USED ANTIBIOTICS.

SKIN ABSORPTION : PRODUCT MAY BE ABSORBED THROUGH THE SKIN.

EYE: DIRECT CONTACT MAY CAUSE IRRITATION.

INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION.

INGESTION: MAY CAUSE STOMACH DISTRESS, NAUSEA AND VOMITING.

ACUTE OVER-EXPOSURE

EFFECTS: SYMPTOMS OF OVEREXPOSURE MAY BE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA AND VOMITING

CHRONIC OVER EXPOSURE

EFFECTS: REPEATED AND/ OR PROLONGED CONTACT MAY CAUSE DRYING, DEFATTING AND DERMATITIS.

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

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SECTION 05: FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD OF DETERMINATION: NONE. 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 EXTINCTION: USE CARBON DIOXIDE OR DRY CHEMICAL.

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. 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 INTENTIONAL, EXCESSIVE INHALATION OF SPRAY MISTS. 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. DO NOT CONTAMINATE FOOD, FEED OR POTABLE WATER DURING USE OR STORAGE OF THIS PRODUCT. READ AND FOLLOW ALL LABEL INSTRUCTIONS. MIX ONLY WITH WATER.

STORAGE REQUIREMENTS: KEEP OUT OF REACH OF CHILDREN. STORE AWAY FROM FOOD ITEMS AND POTABLE WATER SYSTEMS. STORE IN A COOL WELL VENTILATED AREA . (MIN 5 ° C MAX 40 ° C), AWAY FROM DIRECT SUNLIGHT. AVOID PROLONGED EXPOSURES TO TEMPERATURE EXTREMES TO MAINTAIN SHELF LIFE. DO NOT FREEZE.

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. WHERE EXPOSURE GUIDELINES ARE EXCEEDED, USE NIOSH APPROVED RESPIRATOR.

GLOVES: WEAR RUBBER GLOVES.

OTHER PROTECTIVE EQUIPMENT: AS NEEDED TO PREVENT PROLONGED OR REPEATED CONTACT WITH PRODUCT.

SPECIFIC ENGINEERING CONTROLS: NONE NORMALLY REQUIRED. GENERAL VENTILATION IS NORMALLY ADEQUATE.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: CLEAR LIGHT YELLOW LIQUID WITH MILD CHEMICAL ODOUR
ODOUR THRESHOLD: NOT AVAILABLE
SPECIFIC GRAVITY: 1.012-1.032
VAPOUR PRESSURE : AS WATER
VAPOUR DENSITY (AIR=1): AS WATER
VOC CONTENT (%): 0 (EPA METHOD 24)
EVAPORATION RATE: AS WATER
BOILING POINT: 100 ° C (212 ° F)
PH: 7.5-9.75
FREEZING POINT: 0 ° C (32 ° F) (VIABLE BACTERIAL CULTURES WILL DIE AT LOW TEMPERATURES)
DENSITY (g/ ml): 1.012-1.032
COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETELY WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE WHEN USED AND STORED AS DIRECTED. AVOID TEMPERATURE EXTREMES AS VIABLE BACTERIAL CULTURES MAY BE AFFECTED
INCOMPATIBLE MATERIALS: STRONG ACIDS OR ALKALIS AS MAY INACTIVATE BACTERIAL CULTURES. CAUSTICS, OXIDIZERS.
CONDITIONS OF REACTIVITY: NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: MINIMAL IRRITANT
SENSITIZATION TO MATERIAL: NON-HAZARDOUS BY WHMIS CRITERIA
CARCINOGENICITY: NON-HAZARDOUS BY WHMIS CRITERIA
REPRODUCTIVE EFFECTS: NON-HAZARDOUS BY WHMIS CRITERIA
TERATOGENICITY: NON-HAZARDOUS BY WHMIS CRITERIA
MUTAGENICITY: NON-HAZARDOUS BY WHMIS CRITERIA
TOXICOLOGICALLY SYNERGISTIC PRODUCTS: NOT AVAILABLE.

SECTION 12: ECOLOGICAL INFORMATION

THERE IS NO ECOLOGICAL INFORMATION AVAILABLE FOR PRODUCT. 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: PRODUCT IS EXPECTED TO BIODEGRADE.
MOBILITY: NOT AVAILABLE
PERSISTENCE: NOT AVAILABLE
BIOACCUMULATIVE: NOT AVAILABLE
CHEMICAL FATE INFORMATION: NOT AVAILABLE.
OTHER INFORMATION: NOT AVAILABLE

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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.