



MATERIAL SAFETY DATA SHEET

ENVIRO CHEM FLOOR STRIPPER

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: ENVIRO CHEM FLOOR STRIPPER
PRODUCT USE: LOW ODOUR, FLOOR FINISH STRIPPER
WHMIS CATEGORY: D2B
PREPARED BY: ROCHESTER MIDLAND LIMITED.
PHONE NUMBER OF PREPARER: (905) 847-3000
DATE PREPARED: JANUARY 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 UNDER WHMIS INGREDIENT DISCLOSURE LIST.					
OTHER INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
DIPROPYLENE GLYCOL N - BUTYL ETHER	10-30	29911-28-2	SUPPLIER RECOMMENDED TLV-TWA 10 mg/ m ³	ORAL >3700 mg/ Kg (RAT) DERMAL >2000 mg/ Kg (RABBIT)	>2.04 mg/ L 4 HOUR EXPOSURE (RAT) NO DEATHS
PROPYLENE GLYCOL PHENYL ETHER	1-5	770-35-4	NOT AVAILABLE	ORAL 2830 mg/ Kg (RAT) DERMAL >2000 mg/ Kg (RABBIT)	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 SLIGHT IRRITATION.

SKIN ABSORPTION : PROLONGED SKIN CONTACT IS UNLIKELY TO RESULT IN ABSORPTION OF HARMFUL AMOUNTS OF PRODUCT.

EYE: DIRECT CONTACT WITH PRODUCT MAY CAUSE MODERATE IRRITATION.

INHALATION: EXCESS INHALATION OF VAPOURS MAY CAUSE IRRITATION AND ADVERSE EFFECTS.

INGESTION: INGESTION OF LARGE QUANTITIES MAY CAUSE IRRITATION, NAUSEA, DIARRHEA AND VOMITING.

ACUTE OVER-EXPOSURE

EFFECTS: AS ABOVE.

CHRONIC OVER EXPOSURE

EFFECTS: NONE KNOWN.

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SECTION 04: FIRST AID MEASURES

EYES: FLUSH EYES WITH ABUNDANT WATER FOR AT LEAST 20 MINUTES WHILE HOLDING EYELIDS OPEN TO ENSURE COMPLETE IRRIGATION OF THE ENTIRE EYE CAVITY. GET MEDICAL ATTENTION.

SKIN: FLUSH SKIN WITH WATER 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 LIQUID

CONDITIONS OF FLAMMABILITY: OPEN FLAMES, WELDING ARCS, OTHER SOURCES OF IGNITION.

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. 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: EMPTY CONTAINERS MAY RETAIN IGNITABLE RESIDUES. DO NOT PRESSURIZE, CUT, WELD OR DRILL ON OR NEAR CONTAINERS.

SENSITIVITY TO STATIC DISCHARGE: NOT SENSIBLE

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: MOP UP, AND 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 CONTAINERS FOR DISPOSAL. FLUSH AREA WITH WATER.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: AVOID ALL EYE AND SKIN CONTACT. WASH SKIN THOROUGHLY AFTER USE. AVOID EXCESSIVE INHALATION OF VAPORS. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. KEEP CONTAINER CLOSED WHEN NOT IN USE. READ AND FOLLOW LABEL INSTRUCTIONS. DO NOT CONTAMINATE FOOD, WATER OR FEED DURING USE OR STORAGE OF THIS PRODUCT. MIX ONLY WITH WATER. EMPTY CONTAINERS MAY RETAIN IGNITABLE RESIDUES. DO NOT PRESSURIZE, CUT, WELD OR DRILL ON OR NEAR CONTAINERS

STORAGE REQUIREMENTS: KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE INDOORS IN A COOL WELL VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN. DO NOT REUSE CONTAINER. STORE ONLY IN ORIGINAL CONTAINER.

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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 GOGGLES WHEN HANDLING CONCENTRATE

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF EXCESSIVE INHALATION OF VAPOURS CAUSES IRRITATION.

GLOVES: WEAR RUBBER, OR PLASTIC GLOVES.

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

SPECIFIC ENGINEERING CONTROLS: NONE NORMALLY REQUIRED. USE IN A WELL VENTILATED AREA. USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST IF MIST/ VAPOURS IN AIR OR PRODUCT IS USED IN A CONFINED SPACE.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

ODOUR AND APPEARANCE: SLIGHT GLYCOL ETHER ODOUR, CLEAR WHITE LIQUID

ODOUR THRESHOLD: NOT AVAILABLE

SPECIFIC GRAVITY: 0.987-1.005

VAPOUR PRESSURE : NOT AVAILABLE

VAPOUR DENSITY (AIR=1): NOT AVAILABLE

VOC CONTENT (%): 5.5 (ARB 310)

EVAPORATION RATE; NOT AVAILABLE

BOILING POINT; 100 °C (212 °F)

PH: 10.25-10.90

FREEZING POINT: NOT AVAILABLE

DENSITY (g/ ml): 0.987-1.005

COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETELY WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE WHEN USED AND STORED AS DIRECTED.

INCOMPATIBLE MATERIALS: AVOID ACIDS, OXIDIZERS AND ALKALINES.

CONDITIONS OF REACTIVITY: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN .

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: MILD SKIN IRRITANT

SENSITIZATION TO MATERIAL: NOT AVAILABLE

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

REPRODUCTIVE EFFECTS: NO KNOWN REPRODUCTIVE EFFECTS. PRODUCT IS NOT FORMULATED /MANUFACTURED WITH ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE REPRODUCTIVE OR DEVELOPMENT TOXICITY.

TERATOGENICITY: NOT EXPECTED TO CAUSE TERATOGENICITY

MUTAGENICITY: PRODUCT IS NOT FORMULATED/MANUFACTURED WITH ANY CHEMICALS IDENTIFIED FOR PRIORITY FOR RESEARCH AS ENDOCRINE DISRUPTORS BY THE EUROPEAN UNION.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: NOT AVAILABLE.

OTHER INFORMATION: PRODUCT LD50 ORAL (CALCULATED): 8799 mg/ Kg

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SECTION 12: ECOLOGICAL INFORMATION

ENVIRO CHEM FLOOR STRIPPER HAS BEEN TESTED FOR THE FOLLOWING ECOLOGICAL INFORMATION.

AQUATIC TOXICITY: MICROORGANISMS: ENVIRO CHEM FLOOR FINISH IC50 LUMINESCENT BACTERIA : 5 MINUTE : 102.8 mg/ L
15 MINUTE : 82.1 mg/ L
30 MINUTE: 72.2 mg/ L

BIODEGRADABILITY: ENVIRO CHEM FLOOR STRIPPER IS BIODEGRADABLE BOD 5 DAY 424000 mg/ L; BOD 28 DAY 564000 mg/L;
COD 795000 mg/L

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.