



MATERIAL SAFETY DATA SHEET

ENVIRO CHEM GLASS CLEANER

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 GLASS CLEANER
 PRODUCT USE : FRAGRANCE FREE GLASS CLEANER
 WHMIS CATEGORY: D2B
 PREPARED BY : ROCHESTER MIDLAND LIMITED.
 PHONE NUMBER OF PREPARER: (905) 847-3000
 DATE PREPARED: FEBRUARY 28, 2006

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
AMMONIUM LAURYL SULFATE	3-7	68081-96-9	NOT AVAILABLE	ORAL 4.7 ml/ Kg (RAT)	NOT AVAILABLE

SECTION 03: HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INHALATION, INGESTION

SKIN CONTACT: ADVERSE EFFECTS NOT EXPECTED UNDER NORMAL USE.

SKIN ABSORPTION : NOT AVAILABLE
 EYE: MAY CAUSE TEMPORARY IRRITATION.

INHALATION: EXCESSIVE INHALATION MAY CAUSE IRRITATION.

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

ACUTE OVER-EXPOSURE EFFECTS: AS ABOVE.

CHRONIC OVER EXPOSURE EFFECTS: NONE EXPECTED IN NORMAL USE.

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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 ABUNDANT 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. TCC

UPPER EXPLOSION LIMIT (% BY VOLUME): NOT APPLICABLE

LOWER EXPLOSION LIMIT (% BY VOLUME): NOT APPLICABLE

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABILITY CLASSIFICATION: NON-FLAMMABLE LIQUID

CONDITIONS OF FLAMMABILITY: NONE. (PRODUCT WILL NOT BURN)

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.

EXPLOSION DATA: NONE EXPECTED.

SENSITIVITY TO STATIC DISCHARGE: NOT SENSITIVE

SENSITIVITY TO MECHANIC 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: 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.

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SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT:

AVOID CONTACT WITH EYES. DO NOT GENERATE OR BREATHE MISTS/ SPRAYS. REMOVE CONTAMINATED CLOTHING AND LAUNDRY 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. WASH HANDS THOROUGHLY AFTER USE.

STORAGE REQUIREMENTS:

KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE 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.

SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

EYE PROTECTION: NONE NORMALLY REQUIRED.
RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED.
GLOVES: NONE NORMALLY REQUIRED. WEAR RUBBER OR PLASTIC GLOVES FOR PROLONGED OR EXCESSIVE EXPOSURE TO PRODUCT.
OTHER PROTECTIVE EQUIPMENT: AS NEEDED TO PREVENT PROLONGED OR REPEATED CONTACT WITH PRODUCT.
SPECIFIC ENGINEERING CONTROLS..... NONE NORMALLY REQUIRED.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: MILD ODOUR, FRAGRANCE FREE, CLEAR DARK VIOLET LIQUID.
ODOUR THRESHOLD: NOT AVAILABLE
SPECIFIC GRAVITY: 1-1.02
VAPOUR PRESSURE : AS WATER
VAPOUR DENSITY (AIR=1): AS WATER
VOC CONTENT (%): 0 (EPA METHOD 24)
EVAPORATION RATE; AS WATER
BOILING POINT; NOT AVAILABLE
PH: 6.5-8.0
FREEZING POINT: NOT AVAILABLE
DENSITY (g/ ml): 1-1.02
COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETELY WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBLE MATERIALS: AVOID STRONG ACIDS AND ALKALIS.
CONDITIONS OF REACTIVITY: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON

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SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: MINIMAL IRRITANT
SENSITIZATION TO MATERIAL: AMMONIUM LAURYL SULFATE COMPONENT IS NOT A SENSITIZER
CARCINOGENICITY,: NO KNOWN CARCINOGENS LISTED BY OSHA, IARC OR NTP.
REPRODUCTIVE EFFECTS: NO KNOWN REPRODUCTIVE EFFECTS.
TERATOGENICITY: NOT AVAILABLE.
MUTAGENICITY: AMMONIUM LAURYL SULFATE IS NOT MUTAGENIC. (AMES TEST)
TOXICOLOGICALLY SYNERGISTIC PRODUCTS: NOT AVAILABLE.

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 COMPONENTS ON A 100% ACTIVE INGREDIENT BASIS.

ECOTOXICOLOGICAL INFORMATION:

AQUATIC TOXICITY: FISH SPECIES DATA: ALKYL SULPHATES, LC 50, (96 HR) ; UNSPECIFIED FISH : 5 TO 20 mg/ L

AQUATIC TOXICITY: INVERTEBRATES: NOT DATA

AQUATIC TOXICITY: (GROWTH INHIBITION) PLANTS: NO DATA

ACUTE AQUATIC TOXICITY: MICROORGANISMS: NO DATA

BIODEGRADABILITY: NOT AVAILABLE.

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 (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.