



MATERIAL SAFETY DATA SHEET

ENVIRO CHEM TOUGH JOB CLEANER (REVISED FORMULA)

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 TOUGH JOB CLEANER (REVISED FORMULA)
PRODUCT USE: HEAVY DUTY CLEANER
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 ON WHMIS INGREDIENT DISCLOSURE LIST.					

SECTION 03: HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INHALATION, INGESTION

SKIN CONTACT: PROLONGED CONTACT MAY CAUSE IRRITATION AND DERMATITIS.

SKIN ABSORPTION: NONE EXPECTED WHEN USED AS DIRECTED.

EYE: MAY CAUSE IRRITATION.

INHALATION: INHALATION OF CONCENTRATED SPRAY MISTS MAY CAUSE IRRITATION.

INGESTION: MAY CAUSE IRRITATION, NAUSEA, VOMITING. INGESTION OF LARGE AMOUNTS MAY BE HARMFUL.

ACUTE OVER-EXPOSURE

EFFECTS: AS ABOVE.

CHRONIC OVER EXPOSURE

EFFECTS: NONE KNOWN.

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 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 LIQUID

CONDITIONS OF FLAMMABILITY: NONE.

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: NONE EXPECTED.

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. 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 CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE MISTS/ SPRAYS. 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. WASH HAND THOROUGHLY AFTER USE.

STORAGE REQUIREMENTS: 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.

SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

EYE PROTECTION: WEAR CHEMICAL SAFETY GLASSES WITH SIDE SHIELDS.

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF SPRAY MISTS CAUSE IRRITATION OR IF EXPOSURE LIMITS ARE EXCEEDED.

GLOVES: WEAR RUBBER, VINYL OR NEOPRENE GLOVES.

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

SPECIFIC ENGINEERING CONTROLS: USE MECHANICAL AND/OR LOCAL EXHAUST IF TLV IS EXCEEDED.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	LIQUID
ODOUR AND APPEARANCE:	CLEAR ORANGE LIQUID WITH MILD ODOUR
ODOUR THRESHOLD:	NOT AVAILABLE
SPECIFIC GRAVITY:	0.99-1.01
VAPOUR PRESSURE :	NOT AVAILABLE
VAPOUR DENSITY (AIR=1):	NOT AVAILABLE
VOC CONTENT (%):	<1% (EPA METHOD 24)
EVAPORATION RATE;	NOT AVAILABLE
BOILING POINT;	100 °C (212 °F)
PH:	9-10
FREEZING POINT:	NOT AVAILABLE
DENSITY (g/ ml):	0.99-1.01
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 CONTACT WITH ACIDS; NEUTRALIZES ACTIVE INGREDIENTS.
CONDITIONS OF REACTIVITY:	NONE
HAZARDOUS DECOMPOSITION PRODUCTS:	OXIDES OF CARBON AND NITROGEN

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT:	MILD IRRITANT
SENSITIZATION TO MATERIAL:	NOT AVAILABLE.
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

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