



# MATERIAL SAFETY DATA SHEET

## ENVIRO CHEM LOW FOAM ALL PURPOSE 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 LOW FOAM ALL PURPOSE CLEANER (REVISED FORMULA)  
PRODUCT USE: FRAGRANCE FREE, LOW FOAMING ALL PURPOSE CLEANER  
WHMIS CATEGORY: D2B  
PREPARED BY: ROCHESTER MIDLAND LIMITED.  
PHONE NUMBER OF PREPARER: (905) 847-3000  
DATE PREPARED: FEBRUARY 1, 2013

### SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
LAURYL DIMETHYL AMINE OXIDE	1-5	1643-20-5	NOT AVAILABLE	ORAL >2000 mg/ Kg (RAT)  DERMAL >520 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 MILD IRRITATION.

SKIN ABSORPTION: NOT AVAILABLE.

EYE: MAY CAUSE IRRITATION.

INHALATION: EXCESSIVE INHALATION OF SPRAY MIST 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 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: FLUSH 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 AS LISTED UNDER 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

## SECTION 07: HANDLING AND STORAGE

### HANDLING PROCEDURES

AND EQUIPMENT: AVOID CONTACT WITH EYES. AVOID PROLONGED OR REPEATED SKIN CONTACT . WASH SKIN THOROUGHLY AFTER USE. REMOVE CONTAMINATED CLOTHING AND LAUNDER 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.

### 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.

## SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

### EYE PROTECTION:

WEAR CHEMICAL SAFETY GLASSES WHEN HANDLING CONCENTRATE

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF PRODUCT IS USED IN SUCH A MANNER AS TO CAUSE IRRITATION.

### GLOVES:

WEAR RUBBER OR PLASTIC GLOVES.

### OTHER PROTECTIVE

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

### SPECIFIC ENGINEERING

CONTROLS: NONE NORMALLY REQUIRED.

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## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	LIQUID
ODOUR AND APPEARANCE:	FRAGRANCE FREE; CLEAR GREEN LIQUID
ODOUR THRESHOLD:	NOT AVAILABLE
SPECIFIC GRAVITY:	0.99-1.01
VAPOUR PRESSURE :	NOT AVAILABLE
VAPOUR DENSITY (AIR=1):	NOT AVAILABLE
VOC CONTENT (%):	1.03-1.53 (EPA METHOD 24)
EVAPORATION RATE;	AS WATER
BOILING POINT;	100 °C (212 °F)
PH:	6.5-7
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 ACIDS, OXIDIZERS AND ALKALINES.
CONDITIONS OF REACTIVITY:	NONE
HAZARDOUS DECOMPOSITION PRODUCTS:	OXIDES OF CARBON AND NITROGEN .

## SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT:	MINIMAL 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

ECOTOXICOLOGICAL INFORMATION TO FOLLOW IS BASED LARGELY OR COMPLETELY ON INFORMATION FOR COMPONENTS.

AQUATIC TOXICITY:	
FISH SPECIES DATA:	NOT AVAILABLE
INVERTEBRATES:	NOT AVAILABLE
(GROWTH INHIBITION) PLANTS:	NOT AVAILABLE
MICROORGANISMS:	NOT AVAILABLE
BIODEGRADABILITY:	LAURYL DIMETHYLAMINE OXIDE COMPONENT IS READILY BIODEGRADABLE.
MOBILITY:	NOT AVAILABLE.
PERSISTENCE:	NOT AVAILABLE
BIOACCUMULATIVE:	E.C. LOW FOAM ALL PURPOSE CLEANER DOES NOT BIOACCUMULATE
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.