MATERIAL SAFETY DATA SHEET

LIQUI-SCRUB

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:	LIQUI-SCRUB
PRODUCT USE:	CREAM CLEANER WITH MILD ABRASIVES AND ENZYME – PRODUCING BACTERIA
WHMIS CATEGORY:	D2B
PREPARED BY:	ROCHESTER MIDLAND LIMITED.
PHONE NUMBER OF PREPARER:	(905) 847-3000
DATE PREPARED:	JUNE 30, 2009

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**
LIMESTONE	15-40	1317-65-3	ACGIH TOTAL DUST 10 mg/ m^3	ORAL 6450 mg/ KG (RAT)	NOT AVAILABLE

SECTION 03: HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INGESTION

SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE DRYNESS AND IRRITATION. ORGANISMS USED ARE NON-PATHOGENIC BUT CAN CAUSE INFECTION WHEN IN CONTACT WITH OPEN WOUNDS OR BROKEN SKIN. THESE ORGANISMS ARE SUSCEPTIBLE TO MANY COMMONLY -USED ANTIBIOTICS.

SKIN ABSORPTION: SYSTEMATICALLY TOXIC CONCENTRATIONS WILL PROBABLY NOT BE ABSORBED THROUGH THE SKIN.

EYE: MAY CAUSE IRRITATION, REDNESS, TEARING OR BURNING. PRODUCT CONTAINS MILD ABRASIVE THAT COULD SCRATCH CORNEA AND CAUSE TISSUE DAMAGE. **DO NOT RUB EYES.**

INHALATION: NONE EXPECTED IN NORMAL USE. NOT A NORMAL ROUTE OF ENTRY DUE TO THE VISCOUS NATURE OF PRODUCT.

INGESTION: SMALL AMOUNTS OR SINGLE DOSE SHOULD HAVE LITTLE OR NO TOXIC EFFECT. MAY CAUSE IRRITATION TO MOUTH, THROAT OR DIGESTIVE TRACT.

ACUTE OVER-EXPOSURE EFFECTS: INDIVIDUALS WITH A HISTORY OF DERMAL ALLERGIC REACTION MAY EXPERIENCE SLIGHT REDNESS ON HANDS AND FOREARMS.

CHRONIC OVER EXPOSURE EFFECTS: DERMATITIS AND SKIN SENSITIZATION MAY DEVELOP AFTER REPEATED AND/ OR PROLONGED CONTACT.

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SECTION 04: FIRST AID MEASURES

EYES: **DO NOT RUB 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: WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION. ORGANISMS USED ARE NON-PATHOGENIC BUT CAN CAUSE INFECTION WHEN IN CONTACT WITH OPEN WOUNDS OR BROKEN SKIN. THESE ORGANISMS ARE SUSCEPTIBLE TO MANY COMMONLY -USED ANTIBIOTICS

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
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.
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. DO NOT ALLOW SPILL TO ENTER SEWERS AND OPEN WATERWAYS. 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 CONTACT WITH EYES AND PROLONGED OR REPEATED SKIN CONTACT. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH SKIN THOROUGHLY WITH SOAP AND WATER AFTER 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 OUT OF REACH OF CHILDREN. STORE AWAY FROM FOOD ITEMS AND POTABLE WATER SYSTEMS. STORE IN A COOL WELL VENTILATED AREA. (MIN 5 ^{0}C MAX 40 ^{0}C) AND AVOID INCOMPATIBLE MATERIALS. AVOID PROLONGED EXPOSURES TO TEMPERATURE EXTREMES TO MAINTAIN SHELF LIFE. STORE IN ORIGINAL CONTAINER. DO NOT RE-USE CONTAINER.

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SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

EYE PROTECTION:	WEAR CHEMICAL SAFETY GLASSES. DO NOT GET IN EYES.
RESPIRATORY PROTECTION:	NONE NORMALLY REQUIRED.
GLOVES:	WEAR RUBBER, NEOPRENE OR NITRILE GLOVES. INCIDENTAL SKIN CONTACT IS NOT EXPECTED TO CAUSE ANY SIGNIFICANT IRRITATION.
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:	OPAQUE WHITE EMULSION WITH PLEASANT FRAGRANCE.
ODOUR THRESHOLD:	FRAGRANCE WILL BE PRESENT IN AIR WHEN PRODUCT USED AS DIRECTED.
SPECIFIC GRAVITY:	1.27-1.35
VAPOUR PRESSURE :	NOT AVAILABLE
VAPOUR DENSITY (AIR=1):	NOT AVAILABLE
VOC CONTENT (%):	0-0.30 (EPA METHOD 24)
EVAPORATION RATE;	NOT AVAILABLE
BOILING POINT;	100^{0} C (212^{0} F)
PH:	9-10
FREEZING POINT:	0^{0}C (32^{0}F) (VIABLE BACTERIAL CULTURES WILL DIE AT LOW TEMPERATURES)
DENSITY (g/ ml):	1.27-1.35
COEFFICIENT OF WATER/OIL DISTRIBUTION:.	COMPLETELY WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	STABLE
INCOMPATIBLE MATERIALS:	AVOID STRONG ACIDS OR ALKALIS AS MAY INACTIVATE BACTERIAL CULTURES.
CONDITIONS OF REACTIVITY:	AVOID TEMPERATURE EXTREMES AS VIABLE BACTERIAL CULTURES MAY BE AFFECTED.
HAZARDOUS DECOMPOSITION PRODUCTS:	OXIDES OF CARBON AND NITROGEN

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT:	MILD IRRITANT: CONTAINS ABRASIVE
SENSITIZATION TO MATERIAL:	INDIVIDUALS WITH A HISTORY OF DERMAL ALLERGIC REACTION MAY EXPERIENCE SLIGHT REDNESS ON HANDS AND FOREARMS.
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.

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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
(GROWTH INHIBITION) PLANTS:	NOT AVAILABLE
MICROORGANISMS:	NOT AVAILABLE

BIODEGRADABILITY:	PRODUCT IS EXPECTED TO READILY BIODEGRADE. ABRASIVE COMPONENT IS INORGANIC AND NOT AFFECTED BY BIODEGRADATION.
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 : 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.