



MATERIAL SAFETY DATA SHEET

ALPHA 3

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME: ROCHESTER MIDLAND CORPORATION
MANUFACTURERS ADDRESS: 155 PARAGON DRIVE, ROCHESTER, NY 14624, USA
EMERGENCY PHONE NUMBER: INFOTRAC 1-800-535-5053
SUPPLIER IDENTIFIER: ROCHESTER MIDLAND LIMITED
SUPPLIER'S ADDRESS: 143 MILLS ROAD, AJAX, ONTARIO
SUPPLIER EMERGENCY PHONE NUMBER: CANUTEC 613-996-6666
PRODUCT NAME: ALPHA 3
PRODUCT USE: LIQUID ALKALINE CLEANER/ DEGREASER
WHMIS CATEGORY: D2B
PREPARED BY: ROCHESTER MIDLAND LIMITED.
PHONE NUMBER OF PREPARER: (905) 847-3000
DATE PREPARED: JULY 14, 2014



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 OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. NOT EXPECTED WHEN USED AS DIRECTED.

SKIN ABSORPTION: NOT AVAILABLE

EYE: MAY CAUSE SEVERE IRRITATION WITH DIRECT CONTACT.

INHALATION: DIRECT INHALATION OF SPRAY MISTS MAY CAUSE IRRITATION.

INGESTION: MAY CAUSE IRRITATION AND NAUSEA, VOMITING AND DIARRHEA.

ACUTE OVER-EXPOSURE

EFFECTS: AS ABOVE.

CHRONIC OVER EXPOSURE

EFFECTS: NONE EXPECTED WHEN USED AS DIRECTED.

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 SOAP AND WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

INHALATION: IF SAFE TO ENTER VICTIMS AREA, 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 OR CLOTHING. WEAR EYE PROTECTION APPARATUS. WASH SKIN THOROUGHLY AFTER HANDLING. DO NOT GENERATE / BREATHE MISTS/ SPRAYS. 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 INSIDE, 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

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.
RESPIRATORY PROTECTION:	NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF IRRITATION OCCURS OR IN ENCLOSED SPACE.
GLOVES:	WEAR RUBBER OR PLASTIC GLOVES.
OTHER PROTECTIVE EQUIPMENT:	AS NEEDED TO PREVENT ALL CONTACT WITH PRODUCT.
SPECIFIC ENGINEERING CONTROLS:	USE IN A VENTILATED AREA. USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	LIQUID
ODOUR AND APPEARANCE:	LEMON FRAGRANCE; CLEAR PURPLE LIQUID.
ODOUR THRESHOLD:	NOT AVAILABLE
SPECIFIC GRAVITY:	1.0-1.011
VAPOUR PRESSURE :	AS WATER
VAPOUR DENSITY (AIR=1):	AS WATER
VOC CONTENT (%):	0.17 (ARB 310)
EVAPORATION RATE;	AS WATER
BOILING POINT;	100° C (212 ° F)
PH:	10-11
FREEZING POINT:	NOT AVAILABLE
DENSITY (g/ml):	1.0-1.011
COEFFICIENT OF WATER/OIL DISTRIBUTION:	COMPLETELY WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	STABLE WHEN USED AND STORED AS DIRECTED.
INCOMPATIBLE MATERIALS:	DO NOT MIX 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:	
FISH SPECIES DATA:	NOT AVAILABLE
INVERTEBRATES:	NOT AVAILABLE
ALGAE :	NOT AVAILABLE
MICROORGANISMS:	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.