



MATERIAL SAFETY DATA SHEET

MOLD MASTER

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: MOLD MASTER
 PRODUCT USE: EXTRA STRENGTH MOLD & MILDEW STAIN REMOVER
 WHMIS CATEGORY: E
 PREPARED BY: ROCHESTER MIDLAND LIMITED.
 PHONE NUMBER OF PREPARER: (905) 847-3000
 DATE PREPARED: OCTOBER 6, 2014



SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
SODIUM HYPOCHLORITE	1-5	7681-52-9	WEELS STEL-TWA 15 MINUTES 2 mg/ m ³ ACGIH TLV-TWA 1.5 mg/ m ³ AS Cl ₂ TLV-STEL 2.9 mg/ m ³ AS Cl ₂	ORAL 8910 mg/ Kg (RAT) UNDILUTED DERMAL >10000 mg/ Kg (RABBIT)	>2625 mg / m ³ 4 HOUR EXPOSURE (RAT) UNSPECIFIED STRENGTH 293 ppm 1 HOUR EXPOSURE (RAT)
SODIUM HYDROXIDE	0.5-1.5	1310-73-2	ACGIH TLV-TWA 2 mg/ m ³ OSHA PEL-C 2 mg/ m ³ IDLH 10mg/ m ³	ORAL 140-340 mg/ Kg (RAT) DERMAL 1350 mg/ Kg (RABBIT)	NOT AVAILABLE
OTHER INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
TRISODIUM PHOSPHATE DECAHYDRATE	1-5	10101-89-0	PARTICULATE NOT OTHERWISE CLASSIFIED OSHA PEL 15 mg/ m ³ TOTAL DUST 5 mg/ m ³ RESPIRABLE FRACTION ACGIH TLV 10 mg/ m ³ INHALABLE PARTICULATE 3 mg/ m ³ RESPIRABLE PARTICULATE	ORAL 6500 mg/ Kg (RAT) DERMAL 7940 mg/ Kg (RABBIT)	NOT AVAILABLE

SECTION 03: HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INHALATION, INGESTION

SKIN CONTACT: CORROSIVE PRODUCT AND SEVERE IRRITANT. DIRECT CONTACT MAY CAUSE SEVERE BURNS, WHICH MAY NOT BE IMMEDIATELY PAINFUL OR VISIBLE.

SKIN ABSORPTION: NOT AVAILABLE

EYE: MAY CAUSE SEVERE BURNS, PERMANENT EYE DAMAGE EVEN BLINDNESS.

INHALATION: INHALATION OF SPRAY MISTS MAY CAUSE IRRITATION, POSSIBLE TISSUE DAMAGE TO MUCOUS MEMBRANES OF THE NOSE, THROAT AND ESOPHAGUS.

INGESTION: MAY BE FATAL IF SWALLOWED. MAY CAUSE SEVERE BURNS TO MUCOUS MEMBRANES OF MOUTH, THROAT AND DIGESTIVE TRACT. MAY CAUSE NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF VOMITED MATERIALS INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS

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SECTION 03: HAZARDS IDENTIFICATION (CONT'D)

ACUTE OVER-EXPOSURE

EFFECTS: AS ABOVE. AS ABOVE. PRE-EXISTING RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY INHALATION OF SPRAY MISTS.

CHRONIC OVER EXPOSURE

EFFECTS: DERMATITIS, POSSIBLE RESPIRATORY DAMAGE FROM EXCESSIVE INHALATION OF SPRAY MISTS.

SECTION 04: FIRST AID MEASURES

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. GET MEDICAL ATTENTION.

INHALATION: REMOVE VICTIM TO FRESH AIR. ASSIST BREATHING AS NEEDED. GET MEDICAL ATTENTION.

INGESTION: **DO NOT INDUCE VOMITING.** IF VICTIM CONSCIOUS, GIVE 1 - 2 GLASSES OF WATER TO DILUTE STOMACH CONTENTS. **GET IMMEDIATE MEDICAL ATTENTION.** NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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. 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, PHOSPHOROUS AND NITROGEN. AT TEMPERATURES ABOVE 40 ° C, SODIUM HYPOCHLORITE COMPONENT WILL DECOMPOSE TO PRODUCE CHLORINE GAS.

EXPLOSION DATA:

CONTACT WITH " SOFT" METALS AS ALUMINIUM, ZINC OR GALVANIZED METALS CAN GENERATE HYDROGEN GAS. THIS GAS IS FLAMMABLE AND/OR EXPLOSIVE IN THE PRESENCE OF AN IGNITION SOURCE. BRIEF INCIDENTAL EXPOSURE IS NOT EXPECTED TO CREATE AN EXPLOSION HAZARD.

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 NEUTRALIZATION AND DISPOSAL. TRAINED PERSONNEL SHOULD DILUTE AND NEUTRALIZE RESIDUE WITH DILUTED ACID. FLUSH AREA WITH WATER.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES

AND EQUIPMENT: CORROSIVE PRODUCT- HANDLE WITH CARE. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WASH SKIN THOROUGHLY AFTER HANDLING. DO NOT BREATHE MISTS/ SPRAYS. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE KEEP CONTAINER CLOSED WHEN NOT IN USE. MIX ONLY WITH WATER; ALWAYS ADD PRODUCT TO WATER: NEVER WATER TO PRODUCT. READ AND FOLLOW LABEL INSTRUCTIONS. DO NOT CONTAMINATE FOOD, WATER OR FEED DURING USE OR STORAGE OF THIS PRODUCT. CONTENTS MAY DEVELOP PRESSURE UPON PROLONGED STORAGE; LOOSEN CLOSURE CAUTIOUSLY BEFORE OPENING.

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.

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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 SPLASH GOGGLES.
RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED. IF PRODUCT IS USED IN SUCH A MANNER THAT EXPOSURE LIMITS ARE EXCEEDED OR IRRITATION OCCURS, USE NIOSH APPROVED RESPIRATOR. CHLORINE AND CAUSTIC COMPATIBLE RESPIRATOR IS RECOMMENDED. SODIUM HYPOCHLORITE DECOMPOSES TO CHLORINE GAS AND MAY REQUIRE MONITORING IN CONFINED SPACES.
GLOVES: WEAR RUBBER OR PLASTIC GLOVES.
OTHER PROTECTIVE EQUIPMENT: AS NEEDED TO PREVENT ALL CONTACT WITH PRODUCT.
SPECIFIC ENGINEERING CONTROLS: USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST. USE CORROSION RESISTANT EQUIPMENT.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: LIGHT FLORAL ODOUR; LIGHT AMBER LIQUID
ODOUR THRESHOLD: NOT AVAILABLE
SPECIFIC GRAVITY: 1.042-1.062
VAPOUR PRESSURE : AS WATER
VAPOUR DENSITY (AIR=1): AS WATER
VOC CONTENT (%): 2-3 (ARB 310)
EVAPORATION RATE; AS WATER
BOILING POINT; 100° C (212 ° F)
PH: 12.5-13.5
FREEZING POINT: NOT AVAILABLE
DENSITY (g/ ml): 1.042-1.062
COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETELY WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE WHEN USED AND STORED AS DIRECTED.
INCOMPATIBLE MATERIALS: MIX ONLY WITH WATER. CONTACT WITH ACIDS AND ACID CONTAINING CLEANERS SUCH AS RUST REMOVERS, VINEGAR AND TOILET BOWL CLEANERS MAY GENERATE CHLORINE GAS AND HEAT. INTERACTION WITH AMMONIA CONTAINING MATERIALS MAY LIBERATE AMMONIA GAS. AVOID CONTACT OF CONCENTRATED CLEANERS WITH ALUMINIUM, TIN, OR GALVANIZED SURFACES SINCE PITTING OR SURFACE DETERIORATION MAY RESULT. HYDROGEN GAS MAY ALSO BE PRODUCED.
CONDITIONS OF REACTIVITY: AT TEMPERATURES ABOVE 40 ° C, SODIUM HYPOCHLORITE COMPONENT WILL DECOMPOSE TO PRODUCE CHLORINE GAS. ALWAYS ADD PRODUCT TO WATER: NEVER WATER TO PRODUCT- THERMAL REACTION MAY BE GENERATED.
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, PHOSPHOROUS AND NITROGEN; OXYGEN AND CHLORINE GAS.

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: CORROSIVE AND SEVERE IRRITANT
SENSITIZATION TO MATERIAL: SODIUM HYPOCHLORITE COMPONENT MAY CAUSE SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES.
CARCINOGENICITY: NO KNOWN CARCINOGENS LISTED BY OSHA, IARC OR NTP.
REPRODUCTIVE EFFECTS: NO ADVERSE REPRODUCTIVE EFFECTS ANTICIPATED FOR TRISODIUM PHOSPHATE DECAHYDRATE COMPONENT.
TERATOGENICITY: SODIUM HYPOCHLORITE, TRISODIUM PHOSPHATE DECAHYDRATE AND SODIUM HYDROXIDE COMPONENTS ARE NOT EXPECTED TO SHOW ADVERSE TERATOGENIC EFFECTS
MUTAGENICITY: SODIUM HYDROXIDE COMPONENT IS NOT MUTAGENIC IN AMES ASSAY AND IN SYRIAN HAMSTER EMBRYO (SA7/SHE) CELL TRANSFORMATION ASSAY. SODIUM HYPOCHLORITE CAUSED MUTATIONS IN SEVERAL SHORT TERM STUDIES USING BACTERIA AND CULTURED MAMMALIAN CELLS. THE SIGNIFICANCE OF THESE TESTS IS UNCLEAR. IT WAS NOT MUTAGENIC IN TESTS (CHROMOSOME ABERRATION AND MICRONUCLEUS) ON LIVE ANIMALS. NO ADVERSE MUTAGENIC EFFECTS ANTICIPATED FOR TRISODIUM PHOSPHATE DECAHYDRATE COMPONENT
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:

SH SPECIES:

SODIUM HYPOCHLORITE, LC 50, 96 HR, FATHEAD MINNOW: 5.9 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, FATHEAD MINNOW: 0.06-0.11 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, FATHEAD MINNOW: 4.5-7.6 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, FATHEAD MINNOW: 1.40 mg/ L
SODIUM HYPOCHLORITE, LC 50, 48 HR, RAINBOW TROUT: 0.07 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, BLUEGILL: 0.4-0.8 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, BLUEGILL: 0.28-1 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, RAINBOW TROUT: 0.5-0.77 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, RAINBOW TROUT: >0.03-<0.19 mg/ L
SODIUM HYPOCHLORITE, LC 50, 96 HR, RAINBOW TROUT: 0.18-0.22 mg/ L
TRISODIUM PHOSPHATE DECAHYDRATE LC 50, 96 HR, RAINBOW TROUT: 260 mg/ L
TRISODIUM PHOSPHATE DECAHYDRATE LC 50, 96 HR, MOSQUITOFISH: 151 mg/ L
TRISODIUM PHOSPHATE DECAHYDRATE LC 50, 96 HR, BLUEGILL: 440 mg/ L
SODIUM HYDROXIDE LC50, 48 HR, BLUEGILL SUNFISH: 300 mg/L
SODIUM HYDROXIDE LC50, 96 HR, MOSQUITO FISH: 740 mg/ L
SODIUM HYDROXIDE LC50, 24 HR, BROOK TROUT: 25 ppm
SODIUM HYDROXIDE LC50, RAINBOW TROUT: 1149 mg/ L
SODIUM HYDROXIDE LC50, 96 HR, RAINBOW TROUT: 45.4 mg/ L
SODIUM HYDROXIDE LC50, CHINOOK SALMON: 152 mg/ L
SODIUM HYPOCHLORITE, LC 50, 48 HR, DAPHNIA: APPROX. 1 mg/ L
SODIUM HYDROXIDE, LC 50, 48 HR, SHRIMP: 33-100 ppm
SODIUM HYDROXIDE, LC 50, 48 HR, COCKLE: 220-1000 ppm
SODIUM HYDROXIDE, LC 100, 48 HR, DAPHNIA MAGNA: 156 mg/ L
TRISODIUM PHOSPHATE DECAHYDRATE EC 50, 48 HR, DAPHNIA MAGNA: >1000 mg/ L

INVERTEBRATES:

(GROWTH INHIBITION) PLANTS: NOT AVAILABLE

TOXICITY OF SODIUM HYDROXIDE, TRISODIUM PHOSPHATE DECAHYDRATE AND SODIUM HYPOCHLORITE COMPONENTS IS PRIMARILY ASSOCIATED WITH PH. AQUATIC ORGANISMS BECOME INCREASING STRESSED AS PH EXCEEDS 9, WITH MANY ORGANISMS BEING INTOLERANT OF PH LEVELS IN EXCESS OF 10.

BIODEGRADABILITY:

SODIUM HYDROXIDE, SODIUM HYPOCHLORITE AND TRISODIUM PHOSPHATE DECAHYDRATE COMPONENTS ARE INORGANIC AND NOT AMENEABLE TO BIODEGRADTION. THEY HAVE NO BOD.

MOBILITY:

NOT AVAILABLE

PERSISTENCE:

THE PHOSPHOROUS COMPONENT OF TRISODIUM PHOSPHATE DECAHYDRATE MAY PERSIST INDEFINITELY.

BIOACCUMULATIVE:

SODIUM HYDROXIDE COMPONENT DOES NOT BIOACCUMULATE.

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

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SECTION 15: REGULATORY INFORMATION:

DSL STATUS: LISTED
HMIS CLASSIFICATION (H, F, R, PE): 3,0,1,C
WHMIS CLASSIFICATION: E

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.

PRODUCT CONCENTRATE CONTAINS 0.6% PHOSPHOROUS AS P.

SECTION 16: OTHER INFORMATION

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