



MATERIAL SAFETY DATA SHEET

BOWL TAMER

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: BOWL TAMER
 PRODUCT USE: LIQUID TOILET BOWL CLEANER
 WHMIS CATEGORY: E
 PREPARED BY: ROCHESTER MIDLAND CORPORATION
 PHONE NUMBER OF PREPARER: (585) 336-2200
 DATE PREPARED: JUNE 16, 2015



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					
OTHER INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
INHIBITED ORGANIC SALT	10-30	506-89-8	NOT AVAILABLE	ORAL 1121 mg/ Kg (RAT)	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 IRRITATION.

SKIN ABSORPTION: NOT AVAILABLE

EYE: MAY CAUSE IRRITATION, BURNS, POSSIBLE PERMANENT EYE DAMAGE EVEN BLINDNESS.

INHALATION: INHALATION OF SPRAY MIST MAY CAUSE IRRITATION OF NASAL PASSAGES AND THROAT. PRODUCT HAS A LOW VAPOUR PRESSURE AT ROOM TEMPERATURE AND IS NOT EXPECTED TO PRESENT A SIGNIFICANT INHALATION HAZARD WHEN USED AS DIRECTED.

INGESTION: MAY BE HARMFUL OR EVEN 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 CONTENTS INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.

ACUTE OVER-EXPOSURE

EFFECTS: AS ABOVE. MAY CAUSE IRRITATION TO SKIN AND MUCOUS MEMBRANES.

CHRONIC OVER EXPOSURE

EFFECTS: NONE KNOWN.

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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 ABUNDANT WATER AND MILD SOAP. 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 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. DIKE TO CONTAIN WATER USED IN FIGHTING FIRE. DO NOT ALLOW THIS WATER INTO OPEN WATERWAYS OR SEWERS

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN AND HYDROGEN CHLORIDE COMPOUNDS.

EXPLOSION DATA: AT TEMPERATURES ABOVE 60 °C ACID REACTION ON MOST METALS RELEASES HYDROGEN GAS WHICH IS FLAMMABLE AND / OR EXPLOSIVE IN THE PRESENCE OF AN IGNITION SOURCE. BRIEF INCIDENTAL CONTACT SUCH AS OVER SPRAY IS NOT EXPECTED TO BE CREATE A 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 AS LISTED IN 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 DISPOSAL. FLUSH AREA WITH WATER.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES, SKIN OR CLOTHING. DO NOT MIX WITH ACIDS- LIBERATES TOXIC CHLORINE GAS. 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. 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.

STORAGE REQUIREMENTS: KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE INDOORS, IN A COOL WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS AND HIGH TEMPERATURES. KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN. DO NOT REUSE CONTAINER. STORE IN FIBERGLASS, POLYETHYLENE OR POLYPROPYLENE CONTAINER. DO NOT STORE ABOVE 43 °C (120 °F) AS HYDROCHLORIC ACID FUMES MAY FORM.

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SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

EYE PROTECTION: WEAR CHEMICAL SPLASH GOGGLES. IF PRODUCT IS USED IN SUCH A MANNER THAT SPLASHES ARE EXPECTED, USE A FACE SHIELD.

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR WITH INORGANIC MIST CARTRIDGE IF MIST/VAPOURS CAUSE IRRITATION.

GLOVES: WEAR RUBBER OR NITRILE GLOVES.

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

SPECIFIC ENGINEERING CONTROLS: USE WITH ADEQUATE VENTILATION. USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

ODOUR AND APPEARANCE: GREEN MIST FRAGRANCE, GREEN, SLIGHTLY VISCOUS, LIQUID.

ODOUR THRESHOLD: SCENT WILL BE IN THE AIR WHEN USED AS DIRECTED.

SPECIFIC GRAVITY: 1.02-1.04

VAPOUR PRESSURE : NOT AVAILABLE

VAPOUR DENSITY (AIR=1): NOT AVAILABLE

VOC CONTENT (%): 0

EVAPORATION RATE; NOT AVAILABLE

BOILING POINT; 100° C (212 ° F)

PH: 1.1-1.7 (10% SOLUTION)

FREEZING POINT: NOT AVAILABLE

DENSITY (g/ ml): 1.02-1.04

COEFFICIENT OF WATER/OIL DISTRIBUTION: COMPLETELY WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UP TO 43 ° C (110 ° F) AVOID HEATING ABOVE 43 ° C WHICH RESULTS IN EXOTHERMIC DECOMPOSITION WITH THE RAPID RELEASE OF CARBON DIOXIDE GAS.

INCOMPATIBLE MATERIALS: AVOID CONTACT WITH OXIDIZERS SUCH AS CHLORATE AND NITRATES. AVOID CONTACT WITH " SOFT " METALS AS HYDROGEN GAS MAY GENERATED. CONTACT WITH CHLORINE CLEANERS, BLEACH, SULFITES OR CYANIDES WILL GENERATE TOXIC GASSES. AVOID CONTACT OF CONCENTRATED CLEANER WITH ALUMINIUM SINCE PITTING OR SURFACE DETERIORATION MAY RESULT. AVOID PROLONGED CONTACT TIMES OF DILUTED PRODUCT WITH ALUMINIUM. CONTACT WITH AMMONIA AND OTHER ALKALINE CLEANERS WILL GENERATE HEAT.

CONDITIONS OF REACTIVITY: AT TEMPERATURES ABOVE 60 ° C, ACID REACTS ON MOST METALS, RELEASING HYDROGEN, A FLAMMABLE AND EXPLOSIVE GAS .

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY YIELD HYDROCHLORIC ACIDS FUMES AND OXIDES OF CARBON, NITROGEN AND CHLORINE. CONTACT WITH HYPOCHLORITES SUCH AS BLEACH, SULFIDES OR CYANIDES WILL LIBERATE TOXIC GASSES.

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: MILD SKIN IRRITANT

SENSITIZATION TO MATERIAL: NOT A SENSITIZER

CARCINOGENICITY,: NO KNOWN CARCINOGENS LISTED BY OSHA, IARC OR NTP.

REPRODUCTIVE EFFECTS: NO KNOWN REPRODUCTIVE EFFECTS.

TERATOGENICITY: NOT AVAILABLE

MUTAGENICITY: NOT MUTAGENIC AS PER OECD GUIDELINES

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

BIODEGRADABILITY: NOT AVAILABLE
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: 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.

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.