

SAFETY DATA SHEET

PRODUCT: POT SHOT

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SECTION 01: PRODUCT AND COMPANY INFORMATION

MANUFACTURER/SUPPLIER LES INVESTISSEMENTS B.S.C. INC.
 MANUFACTURER'S/SUPPLIERS ADDRESS..... 109 IBER RD., UNIT #3, OTTAWA, ON K2S 0X5 613-744-8896
 PRODUCT NAME POT SHOT
 PRODUCT USE TOILET BOWL CLEANER – ACID BASED
 EMERGENCY PHONE NUMBER..... CANUTECH 613-996-6666

SECTION 02: HAZARDS IDENTIFICATION



ROUTE OF ENTRY:
 SKIN CONTACT CAUSES SEVERE SKIN IRRITATION. CAUSES BURNS.
 SKIN ABSORPTION N.AV.
 EYE CONTACT..... CORROSIVE TO EYE TISSUE AND MAY CAUSE SEVERE DAMAGE AND BLINDNESS.
 INHALATION..... MISTS MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT. COUGHING, SHORTNESS OF BREATH, HEADACHES AND CONFUSION MAY OCCUR. VAPOURS MAY CAUSE PULMONARY EDEMA.
 INGESTION CORROSIVE! MAY CAUSE SEVERE PAIN IN THE MOUTH, CHEST AND ABDOMEN, LEADING TO COUGH, VOMITING AND COLLAPSE. CAUSES VOMITING, NAUSEA, AND DIARRHEA.
 EFFECTS/SYMPTOMS OF ACUTE EXPOSURE REFER TO ROUTE OF ENTRY.
 EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE N.AV.
 MEDICAL CONDITIONS GENERALLY N.AV.
 AGGRAVATED BY EXPOSURE.....

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS HAZARDS IDENTIFICATION

HAZARDOUS INGREDIENTS	C.A.S. #	%	TLV	LD50	LC50
PHOSPHORIC ACID	7664-38-2	9 - 20	SEE SECTION 11	N.AV.	N.AV.
SODIUM LAURETH SULFATE	9004-82-4	1	N.AV.	1600 MG/KG (ORAL, RAT)	N.AV.

SECTION 04: FIRST AID MEASURES

SKIN CONTACT IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. REMOVE CONTAMINATED SHOES AND DISCARD.
 EYE CONTACT..... IN CASE OF CONTACT, OR SUSPECTED CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IMMEDIATELY AFTER FLUSHING.
 INHALATION..... REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION.
 INGESTION DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 1-2 GLASSES OF WATER AND SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GUARD AGAINST ASPIRATION INTO LUNGS BY HAVING THE INDIVIDUAL TURN ON TO THEIR LEFT SIDE.
 NOTES TO PHYSICIAN..... TREATMENT BASED ON SOUND JUDGMENT OF PHYSICIAN AND INDIVIDUAL REACTIONS OF PATIENT. IF COUGH OR SHORTNESS OF BREATH OCCURS, EVALUATE THE POSSIBILITY OF BRONCHITIS OR PNEUMONITIS. CHEST X-RAY AND ARTERIAL BLOOD GASES CAN BE USED TO DETERMINE THE PRESENCE OF PULMONARY EDEMA. IN SEVERE CASES, USE OF HUMIDIFIED OXYGEN AND ASSISTED VENTILATION INCLUDING POSITIVE END EXPIRATORY PRESSURE (PEEP) MAY BE NEEDED. PARENTERAL STEROIDS MAY BE USEFUL IN

LIMITING THE EXTENT OF PULMONARY DAMAGE. IF NOT ALREADY PERFORMED BY FIRST AID PERSONNEL, IRRIGATE MOUTH WITH LARGE AMOUNTS OF WATER AND DILUTE THE ACID BY HAVING VICTIM DRINK 4 TO 8 OUNCES OF WATER OR MILK. DO NOT INDUCE VOMITING. USE OF GASTRIC LAVAGE IS CONTROVERSIAL. THE ADVANTAGE OF REMOVAL OF ACID MUST BE WEIGHED AGAINST THE RISK OF PERFORATION OR BLEEDING. IF A LARGE AMOUNT OF ACID (>1 ML/KG BODY WEIGHT) HAS BEEN RECENTLY INGESTED, CAUTIOUS GASTRIC LAVAGE IS GENERALLY ADVISED IF THE PATIENT IS ALERT AND THERE IS LITTLE RISK OF CONVULSIONS. CONSULTATION WITH A GASTROENTEROLOGIST AND/OR SURGEON IS ADVISED. SERIOUS COMPLICATIONS SUCH AS PERFORATION OR STRICTURE OF THE ESOPHAGUS MAY OCCUR REQUIRING CARE BY SPECIALISTS. LARYNGEAL EDEMA MAY DEVELOP REQUIRING INTUBATION OR TRACHEOSTOMY.

SECTION 05: FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	NON-FLAMMABLE.
MEANS OF EXTINCTION/EXTINGUISHING MEDIA: ..	USE DRY CHEMICALS, CO2, ALCOHOL FOAM OR WATER SPRAY.
FLASH POINT.....	N.AP.
UPPER FLAMMABLE LIMIT (% BY VOLUME).....	N.AV.
LOWER FLAMMABLE LIMIT (% BY VOLUME).....	N.AV.
AUTO-IGNITION TEMPERATURE	N.AV.
SPECIAL FIRE FIGHTING PROCEDURES.....	FIRE FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING, INCLUDING SELF-CONTAINED BREATHING EQUIPMENT.
UNUSUAL FIRE AND EXPLOSION HAZARDS.....	N.AV.
EXPLOSION DATA.....	N.AV.
SENSITIVITY TO MECHANICAL IMPACT	N.AV.
SENSITIVITY TO STATIC DISCHARGE	N.AV.
HAZARDOUS COMBUSTION PRODUCTS	OXIDES OF PHOSPHORUS. OXIDES OF SULPHUR.

SECTION 06: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES	WEAR APPROPRIATE PROTECTIVE EQUIPMENT. PREVENT ENTRY INTO SEWERS OR STREAMS, DIKE IF NEEDED. ISOLATE HAZARD AREA AND RESTRICT ACCESS. TRY TO WORK UPWIND OF SPILL. NEUTRALIZE WITH LIME SLURRY, LIMESTONE, OR SODA ASH. NEUTRALIZE CONTAMINATION AREA AND FLUSH WITH LARGE QUANTITIES OF WATER. ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL.
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SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT.....	AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT INGEST. THIS PRODUCT REACTS VIOLENTLY WITH BASES LIBERATING HEAT AND CAUSING SPATTERING.
STORAGE REQUIREMENTS.....	STORE IN A COOL, DRY, WELL VENTILATED AREA. STORE IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICES.

SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROL.....	LOCAL EXHAUST VENTILATION AS NECESSARY TO MAINTAIN EXPOSURES TO WITHIN APPLICABLE LIMITS.
PERSONAL PROTECTIVE EQUIPMENT:	
SKIN PROTECTION	IMPERVIOUS GLOVES.
CLOTHING.....	SKIN CONTACT SHOULD BE PREVENTED THROUGH THE USE OF SUITABLE PROTECTIVE CLOTHING, GLOVES AND FOOTWEAR, SELECTED FOR CONDITIONS OF USE AND EXPOSURE POTENTIAL. CONSIDERATION MUST BE GIVEN BOTH TO DURABILITY AS WELL AS PERMEATION RESISTANCE. APRON, COVERALLS AND/OR OTHER RESISTANT PROTECTIVE CLOTHING.
EYE/FACE PROTECTION	CHEMICAL GOGGLES; ALSO WEAR A FACE SHIELD IF SPLASHING HAZARD EXISTS.

RESPIRATORY PROTECTION	IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, USE AN APPROPRIATE NIOSH APPROVED RESPIRATOR. IN CASE OF SPILL OR LEAK RESULTING IN UNKNOWN CONCENTRATION, USE A NIOSH APPROVED SUPPLIED AIR RESPIRATOR.
WORK/HYGIENE PRACTICES	ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE PROXIMAL TO THE WORK-STATION LOCATION.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	LIQUID
APPEARANCE & ODOUR	GREEN COLOUR – MINT SCENT
ODOUR THRESHOLD	N.AV.
SPECIFIC GRAVITY	~1.065
VAPOUR PRESSURE (MMHG).....	N.AV.
VAPOUR DENSITY (AIR=1).....	N.AV.
EVAPORATION RATE.....	N.AV.
BOILING POINT.....	97°C
FREEZING/MELTING POINT	-4°C
PH	1
SOLUBILITY IN WATER (% W/W).....	SOLUBLE.
COEFFICIENT OF WATER/OIL DISTRIBUTION	N.AV.

SECTION 10: STABILITY AND REACTIVITY

STABILITY	STABLE UNDER NORMAL OPERATING CONDITIONS.
CONDITIONS TO AVOID.....	CONTACT WITH INCOMPATIBLE MATERIALS.
INCOMPATIBILITY (MATERIALS TO AVOID).....	FLUORINE. STRONG OXIDIZING AGENTS. STRONG REDUCING AGENTS. STRONG BASES. METALS. SULFUR TRIOXIDE. PHOSPHORUS PENTOXIDE.
HAZARDOUS DECOMPOSITION PRODUCT.....	OXIDES OF PHOSPHORUS. OXIDES OF SULPHUR.
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMITS.....	PHOSPHORIC ACID: ACGIH - 3 MG/M3 STEL, 1 MG/M3 TLV-TWA; OSHA: 1 MG/M3 TWA, 3 MG/M3 STEL; 1000 MG/M3 IDLH.
LD50.....	SEE SECTION 3
LC50.....	SEE SECTION 3
IRRITANCY OF MATERIAL	SEE SECTION 2.
SENSITIZATION TO PRODUCT	N.AV.
CARCINOGENICITY.....	NOT LISTED.
REPRODUCTIVE TOXICITY	N.AV.
TERATOGENICITY.....	N.AV.
MUTAGENICITY.....	N.AV.
TOXICOLOGICAL SYNERGISTIC PRODUCTS.....	N.AV.
CHRONIC TOXICITY	SEE SECTION 2.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION	N.AV.
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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.
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SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME.....	CORROSIVE LIQUIDS, N.O.S. (PHOSPHORIC ACID)
TDG CLASSIFICATION	8
UN NUMBER	1760
PACKGING GROUP	III

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION D2B, E.
CPR COMPLIANCE THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION PREPARED BY: REGULATORY AFFAIRS, TELEPHONE - (613)-744-8896
PREPARATION DATE: JULY 1, 2016

N.AV. = NOT AVAILABLE
N.AP. = NOT APPLICABLE