

Section 01: Product and company identification					
COMPANY:	LAB-EAU-SOL ENVIRONNEMENT INC. 446, ST-PAUL ST. #102 REPENTIGNY (QUÉBEC) J5Z 0C8 (450) 657-7222				
MADE BY:	LAB-EAU-SOL ENVIRONNEMENT INC.				
DATE:	November 27, 2013				
PHONE:	(450) 657-7222				
PRODUCT CODE:	204-04 / 204-20 / 204-205				
CHEMICAL FAMILY:	Acid cleaner				
MOLECULAR WEIGHT:	N.A.				
PRODUCT USE:	CLEANER FOR CONCRETE REMOVAL				
Section 02: Hazardous ingredients					
<i>Hazardous ingredients</i>	<i>Wt. %</i>	<i>PEL</i>	<i>CAS #</i>	<i>LD/50</i>	<i>LC/50</i>
Citric acid	10-30%	15 mg/m ³ (PEL), 10 mg/m ³ (TLV)	77-92-9	3 g/kg (ORAL RAT)	P.D.
Hydrochloric acid	7-13%	N.A.	7647-01-0	900 mg/kg (ORLA-RAT)	3124 PPM/ 1 HR (RAT)
Sulfuric acid	1-5%	ACGIH/TLV-TWA = 1mg/m ³ ACGIH/TLV-STEL = 3mg/m ³ OSHA/TLV-TWA = 1mg/m ³	7664-93-9	(oral, rat) = 2140mg/kg	(inhalation, rat) = 510mg/m ³ ?
ALCOHOLS, C-12-15, ETHOXY- LATED	1.7%	N.A.	68131-39-5	1,800 mg/kg Rat.	LC50 (96 h) : 1.4mg/l Fathead minnow
Section 03: Toxicological information					
<p>ROUTES OF ENTRY:</p> <p>SKIN CONTACT: Brief contact may cause severe skin burns.</p> <p>ABSORPTION THROUGH THE SKIN: No harmful effects according to available information.</p> <p>EYE CONTACT: May cause burns, infection, and vision loss.</p> <p>ACUTE INHALATION: Mist that may cause chest discomfort and coughing. Corrosive for respiratory route.</p> <p>INGESTION: May cause nausea, vomiting, harsh irritations and death.</p> <p>EFFECTS OF CHRONIC EXPOSURE: Repeated overexposure may cause respiratory illnesses and raise cancer risks.</p>					
Section 04: First Aid					
<p>INSTRUCTIONS: Flush with running water for 15 minutes. Keep eyelids open while rinsing to ensure that entire surface of eye and eyelid are properly flushed. Consult a physician. If no physician is available, flush with running water for another 15 minutes. In case of ingestion, drink 2 glasses of water. Induce vomiting according to medical personnel instructions. Do not administer orally if victim is convulsing or unconscious. If inhaled, move to fresh air area. Consult qualified physician in case of breathing difficulties or respiratory irritation.</p>					

Section 05: Measures to be taken in the event of a fire	
FLAMMABILITY CLASS:	Non-regulated
FLAMMABILITY:	Non-flammable
IF YES, UNDER WHAT CONDITIONS:	N.A.
SPECIAL PROCEDURES:	N.A.
FLASH POINT: (C)	None
AUTO-IGNITION TEMPERATURE:	None
MAXIMAL THRESHOLD:	None
MINIMAL THRESHOLD:	None
EXPLOSION RISK:	None
EXPLOSIVE POWER:	None
COMBUSTION RATE:	None
SENSITIVITY TO STATIC DISCHARGE:	None
SENSITIVITY TO IMPACT:	None
PARTICULAR FIRE HAZARDS:	None
Section 06: Measures to be taken in the event of accidental spills	
CLEANING PROCEDURES: Avoid all direct contact with this product. Stop spill and contain liquid. Dispose of product if contaminated.	
Section 07: Handling and storage	
HANDLING PROCEDURES: Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling product. Minimal handling temperatures must be maintained. Exposure to high temperatures must be reduced to a minimum. Keep from freezing. Do not contaminate water. Storage conditions: avoid freezing. Regular storage conditions.	
Section 08: Exposure control / Personal protection	
GLOVES/TYPE:	PLASTIC/RUBBER
EYE/TYPE:	WEAR MASK WHEN IN AEROSOL FORM
BREATHING/TYPE:	SAFETY GLASSES
FOOTWEAR/TYPE:	SAFETY FOOTWEAR
CLOTHING/TYPE:	WATERPROOF PROTECTIVE CLOTHING
OTHER/TYPE:	EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROL:	ADEQUATELY VENTILATED, GENERAL VENTILATION
Section 09: Physical and chemical properties	
PHYSICAL STATE:	LIQUID
ODOR:	MEDIUM INTENSITY
ODOR THRESHOLD:	N.D.
VAPOUR PRESSURE (MMHG):	N.D.
VAPOUR DENSITY (AIR = 1):	N.D.
EVAPORATION RATE:	N.D.
BOILING POINT:	N.D.
PH:	1
DENSITY (WATER = 1):	N.D.
SOLUBILITY IN WATER (20 c):	MISCIBLE
COEFFICIENT OF APPORTIONMENT:	N.D.
WATER/OIL:	



Section 10: Stability and reactivity	
CHEMICAL STABILITY:	YES
COMPATIBILITY WITH OTHER SUBSTANCES:	NO
WHICH ONES:	ALCALINE PRODUCTS
REACTIVITY:	EXPLOSION RISK
HAZARDOUS DECOMPOSITION PRODUCTS:	ACTION OF FIRE MAY PRODUCE CARBON MONOXYDE AND/OR CARBON DIOXYDE
POLYMERIZATION RISK:	WILL NOT OCCUR
Section 11: Toxicological data	
PRODUCT EXPOSURE LIMIT:	N.D.
PRODUCT LC/50, TYPES:	N.D.
PRODUCT LD/50, TYPES:	N.D.
PRODUCT CARCINOGENICITY:	Yes, chronic exposure to product vapours.
REPRODUCTIVE EFFECT:	N.D.
PRODUCT IRRITATION:	SKIN AND EYE IRRITATION.
PRODUCT SENSITIZATION CAPACITY:	SKIN CONTACT CAN CAUSE BURNS.
SYNERGISTIC PRODUCT:	N.D.
Section 12: Ecological data	
ECOLOGICAL INFORMATION	HIGH POTENTIAL TO AFFECT CERTAIN AQUATIC ORGANISMS.
Section 13: Product disposal data	
WASTE DISPOSAL:	OVEN INCINERATION FOLLOWING PROVINCIAL, MUNICIPAL AND FEDERAL GUIDELINES. METHODS AND EQUIPMENT.
Section 14: Transportation information	
UN NUMBER:	UN2796
TDG CLASSIFICATION:	8
PACKING GROUP:	II
SPECIAL INSTRUCTIONS FOR SHIPPING:	N.D.
Section 15: Regulation information	
WHMIS CLASSIFICATION:	D 1 A
IN ACCORDANCE WITH THE CPR, this product has been classified IN ACCORDANCE WITH the hazards criteria listed in the CPR, and the material safety data sheet contains all information required by the CPR.	
Section 16: Other information	
N.A.:	Non-available
N.D.:	Non-determined