



MATERIAL SAFETY DATA SHEET

I - IDENTIFICATION AND USE

PRODUCT NAME: **FORCE DRAIN OPENER**

PRODUCT USE: DRAIN CLEANER

SUPPLIER: ECO-CHOICE INDUSTRIES INC.
5-25 Planchet Road
Concord, ON L4K 2C5

Tel: (905) 532-9100

CANUTEC: (613) 996-6666 (24HRS)

II - HAZARDOUS INGREDIENTS OF PRODUCT

<u>CHEMICAL IDENTITY</u>	<u>CAS,US,NA,NO</u>	<u>%</u>	<u>LD50/LC50</u>
SULPHURIC ACID	7664-93-9	93	RABBIT DERMAL-N/A RAT ORAL-214 mg/kg

III - PHYSICAL DATA FOR PRODUCT

PHYSICAL STATE: LIQUID

ODOUR & APPEARANCE: NO ODOUR/SLIGHT PINK

pH: 14.0

COEF.WATER/OIL DIST: N/A

SPECIFIC GRAVITY: 1.40

SOLUBILITY IN WATER(20oC):

FREEZING POINT (oC): 5-10deg C

BOILING POINT (oC): 142

VAPOUR DENSITY (AIR=1): 3.4

EVAPORATION RATE: N/A

VAPOUR PRESSURE (MM): 4.6 mmHg

ODOUR THRESHOLD (PPM): N/A

IV - FIRE AND EXPLOSION HAZARD

FLAMMABILITY: NON-FLAMMABLE

MEANS OF EXTINCTION: COOL FIRE EXPOSED SURFACES WITH WATER
OR EXTINGUISHING FOAM

FLASHPOINT & METHOD: N/A

UPPER FLAMMABLE (% BY VOLUME): N/A

LOWER FLAMMABLE (% BY VOLUME): N/A

AUTOIGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND HYDROGEN

EXPLOSION DATA: N/A

SENSITIVITY TO IMPACT: N/A

SENSITIVITY TO STATIC DISCHARGE: MATERIAL WILL NOT ACCUMULATE STATIC
DISCHARGE

V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY MATERIALS: STRONG ALKALIES, ACIDS, ORGANIC MATERIALS, OXIDIZING MATERIALS AND REDUCING MATERIALS E.G. BLEACH, METALS SUCH AS ALUMINIUM, BRASS COPPER, MAGNESIUM ETC.
REACTIVITY AND UNDER WHAT CONDITIONS: UNDER HEAT, PRESSURE AND IN THE PRESENCE OF OTHER CHEMICALS.
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF SULPHUR AND HYDROGEN GAS

VI - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT: YES
SKIN ABSORPTION: YES
EYE CONTACT: YES
INGESTION: YES
INHALATION: YES

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: CONTACT WITH EYES WILL CAUSE DAMAGE.
INGESTION WILL CAUSE STOMACH CORROSION/DEATH.

EXPOSURE LIMITS: 5 ppm TOTAL
IRRITANCY OF PRODUCT: CORRODES SKIN AND THE EYE MAY CAUSE BLINDNESS
SENSITIZATION OF PRODUCT: N/A
CARCINOGENICITY: N/A
TERATOGENICITY: N/A
REPRODUCTIVE TOXICITY: N/A
MUTAGENICITY: N/A
SYNERGISTIC PRODUCTS: N/A

VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: GLOVES: RUBBER
EYES: SAFETY GLASSES OR FACE SHIELD
FOOTWEAR: SAFETY BOOTS
CLOTHING: RUBBER APRON
RESPIRATOR: AIR MIST
LEAK AND SPILL PROCEDURE: CONTAIN SPILL, USE ABSORBENT.
WASTE DISPOSAL: ENSURE CONFORMITY WITH LOCAL, PROVINCIAL OR STATE AND FEDERAL REGULATIONS.
ENGINEERING CONTROLS: LOCAL EXHAUST VENTILATION IS USUALLY ADEQUATE.
STORAGE REQUIREMENTS: KEEP AWAY FROM HEAT AND HOT SURFACES. DO NOT FREEZE. STORE IN A COOL PLACE
SPECIAL SHIPPING INFORMATION: TDG CLASS: 8 UN 1830 P.G.II

VIII - FIRST AID MEASURES

EYE: FLUSH THOROUGHLY WITH CLEAN WATER FOR FIFTEEN MINUTES.
SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER
INGESTION: DILUTE WITH WATER. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION
INHALATION: MOVE TO AREA WHERE THERE IS FRESH AIR

PREPARED BY: ECO-CHOICE INDUSTRIES LAB GROUP

DATE: JANUARY 2014

NOTICE: INFORMATION CONTAINED IN THIS MSDS IS DRAWN FROM RELIABLE SOURCES. WE DO NOT ASSUME ANY LIABILITY IN CONNECTION WITH ITS INADEQUATE USE.