

MATERIAL SAFETY DATA SHEET

I - IDENTIFICATION AND USE

PRODUCT NAME: ENVIRO TERRA XT
PRODUCT USE: ACID REPLACEMENT ALL PURPOSE INDUSTRIAL CLEANER
SUPPLIER: STARK INDUSTRIAL SOLUTIONS
527 DUNDONALD STREET
#133
HALIFAX, NS B3J 3L7
Tel: (888) 709-8881

24 HOUR EMERGENCY NUMBER: ECO-CHOICE INDUSTRIES (905) 532-9100

II - HAZARDOUS INGREDIENTS OF PRODUCT

	APPROX. %	OSHA PEL	ACGIH TLV	EPS 40 CFR:			CAS#
				302	355	372	
ORGANIC SALT	<50.0	N/E	N/E	N	N	N	506-89-8
SURFACTANT BLEND	<5.00	N/E	N/E	N	N	N	PROPRIETARY

III - PHYSICAL DATA FOR PRODUCT

PHYSICAL STATE: LIQUID
ODOUR & APPEARANCE: CLEAR, DARK GREEN LIQUID; PLEASANT ODOR
PH: <1.0
SPECIFIC GRAVITY: 1.09
VAPOUR PRESSURE: N/D
VAPOUR DENSITY: N/D
SOLUBILITY IN WATER: SOLUBLE
BOILING POINT: N/D
EVAPORATION RATE: N/D
VOC CONTENT: 1.0

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F) >200
FLAMABLE LIMITS IN AIR (% VOL): UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED APPARATUS.
UNUSUAL FIRE & EXPLOSION HAZARD: HYDROGEN GAS MAY BE RELEASED UPON CONTACT WITH CERTAIN METALS AT SUSTAINED TEMPERATURES ABOVE 140 F.
UPPER EXPLOSION LIMIT: N/A
LOWER EXPLOSION LIMIT: N/A
HAZARDOUS COMBUSTION PROD: CARBON OXIDES
FLASH POINT: N/D

V – REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: STRONG OXIDIZERS AND ALKALIS, CHLORATES, NITRATES
CONDITIONS TO AVOID: EXCESS HEAT AND OPEN FLAME
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY PRODUCE
OXIDES OF CARBON, NITROGEN AND CHLORINE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

VI – HEALTH HAZARD DATA

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

INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN
CARCINOGENS: NONE

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

IF IN EYES: MAY CAUSE SEVERE IRRITATION OR BURNS TO EYES.
IF ON SKIN: IRRITATION, DRYING, DEFATTING AND DERMATITIS WITH PROLONGED
EXPOSURE. NON-CORROSIVE TO SKIN.
IF SWALLOWED: MAY BE HARMFUL OR FATAL IF INGESTED.
IF INHALED: IRRITATION TO THE RESPIRATORY TRACT IF INHALED AS A MIST.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER
FOR AT LEAST 15 MINUTES, HOLDING EYELIDS OPEN DURING FLUSHING.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
IF ON SKIN: IMMEDIATELY FLUSH WITH SOAP AND WATER. REMOVE CONTAMINATED
CLOTHING AND LAUNDER SEPARATELY BEFORE REUSE. IF IRRITATION
PERSISTS, OBTAIN MEDICAL ATTENTION.
IF SWALLOWED: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY.
DO NOT INDUCE VOMITING.
IF INHALED: REMOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED
ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,
GIVE OXYGEN. OBTAIN MEDICAL ATTENTION.

VII – SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

CONTAIN SPILL AND VENTILATE AREA. SOAK UP SPILLED MATERIAL WITH INERT
ABSORBENT MATERIAL AND PLACE IN A PROPERLY MARKED CLOSED CONTAINER FOR
PROPER DISPOSAL.

WASTE DISPOSAL METHOD:

CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE WITH ADEQUATE VENTILATION. DO NOT BREATHE
VAPORS OR MISTS.

VENTILATION: LOCAL: RECOMMENDED MECHANICAL: NOT REQUIRED

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES ARE RECOMMENDED.

EYE PROTECTION: SAFETY GLASSES OR CHEMICAL GOGGLES ARE RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: SAFETY SHOWER AND EYE WASH STATION, PROTECTIVE CLOTHING.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL, DRY PLACE AWAY FROM ALKALINE PRODUCTS. DO NOT MIX WITH ANY OTHER CLEANING CHEMICALS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

IX – TRANSPORTATION INFORMATION (GROUND TRANSPORT ONLY)

DOT ID #: NONE

DOT PROPER SHIPPING NAME: NONE

DOT CLASS: NONE

DOT PACKING GROUP: NONE

THE SHIPPING INFORMATION LISTED ABOVE APPLIES ONLY TO NON-BULK (<119 GALLONS) CONTAINERS OF THIS PRODUCT. THIS PRODUCT MAY HAVE MORE THAN ONE PROPER SHIPPING NAME DEPENDING ON PACKAGING, PRODUCT PROPERTIES & MODE OF SHIPMENT. IF ANY ALTERATION OF PACKAGING, PRODUCT OR MODE OF TRANSPORTATION IS FURTHER INTENDED, DIFFERENT SHIPPING NAMES AND LABELING MAY APPLY.

PREPARED BY: ECO-CHOICE INDUSTRIES LAB GROUP

DATE: MAY 2015

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