



MATERIAL SAFETY DATA SHEET

I - IDENTIFICATION AND USE

PRODUCT NAME: **ENVIRO SHINE NATURAL CITRUS DEGREASER**

PRODUCT USE: **MULTI-PURPOSE CLEANER/DEGREASER/DEODORIZER CONCENTRATE**

MANUFACTURER'S NAME: **ECO-CHOICE INDUSTRIES INC.**
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II - HAZARDOUS INGREDIENTS OF PRODUCT

CHEMICAL IDENTITY	CAS#	%	TLV	LD50	LC50
D'LIMONENE	5989	0.5-1			700mg/Kg

CONTAINS NON-HAZARDOUS INGREDIENTS AS PER WHMIS DISCLOSURE

III - PHYSICAL DATA FOR PRODUCT

PHYSICAL STATE:	QUID
ODOUR & APPEARANCE:	CITRUS ODOUR, FLORESCENT YELLOW LIQUID
SOLUBILITY IN WATER:	COMPLETE
PH:	7.0 +/- 0.5 2% SOL'N
SPECIFIC GRAVITY:	1.00 GM/CM
VAPOUR PRESSURE	<25 HG AT 20 C
VAPOUR DENSITY	>1
EVAPORATION RATE	WATER
BOILING POINT	100 C
FREEZING POINT	<0 C
% VOLATILE	79.30 1
FLASH POINT OF CONC.	N/A

IV - FIRE AND EXPLOSION HAZARD

FLAMMABILITY:	NO
MEANS OF EXTINCTION:	WATER, DRY CHEMICAL, CARBON DIOXIDE
SPECIAL PROCEDURES:	NONE
SENSITIVITY TO IMPACT:	N/A
OTHER FIRE AND EXPLOSION DATA:	AUTOIGNITION TEMPERATURE = N/A
UPPER EXPLOSION LIMIT:	N/A
LOWER EXPLOSION LIMIT:	N/A
HAZARDOUS COMBUSTION PROD:	CARBON OXIDES

V - REACTIVITY DATA

CHEMICAL STABILITY: YES
INCOMPATIBILITY MATERIALS: ACIDS (MIXTURE WITH ACIDS WILL DAMAGE PRODUCT)
REACTIVITY CONDITIONS: REACTIVE WITH ACIDS, BUT NOT DANGEROUSLY HAZARDOUS
DECOMPOSITION PRODUCTS: NONE

VI - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:	SKIN CONTACT	NO
	EYE CONTACT	YES
	INGESTION	YES
	INHALATION	YES

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: EYE: MAY CAUSE SOME STINGING, BURNING OR IRRITATION TO EYES. SKIN CONTACT: NO EFFECTS EXPECTED DUE TO CONTACT. HOWEVER PROLONGED CONTACT MAY CAUSE SOME SKIN IRRITATION TO SOME INDIVIDUALS. INGESTION: MAY CAUSE GASTROINTESTINAL DISCOMFORT. MAY CAUSE VOMITING, DIARRHOEA. SKIN ABSORPTION: NO KNOWN HAZARD DUE TO SKIN ABSORPTION.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: NONE

EXPOSURE LIMITS: T.L.V. > 48,000 MG/KGM

IRRITANCY OF MATERIAL: EYES

SENSITIZATION OF MATERIAL: EYES

SYNERGISTIC MATERIALS: NONE KNOWN

CARCINOGENICITY: NON REGULATED AS CARCINOGEN

REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: NONE KNOWN

LD50 OF MATERIAL: > 17,000 MG/KGM (ORAL, RAT)

VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

- GLOVES NONE REQUIRED
- EYE GLASSES IF POSSIBLE EYE CONTACT
- RESPIRATORY NONE REQUIRED
- OTHER NONE REQUIRED

ENGINEERING CONTROLS: GENERAL VENTILATION

LEAK AND SPILL PROCEDURE: SMALL QUANTITIES MAY BE FLUSHED WITH COPIOUS QUANTITIES OF WATER; LARGE QUANTITIES AMOUNTS, CONTAIN SPILL AND COLLECT INTO WASTE CONTAINER. FLUSH SPILL AREA WITH WATER.

WASTE DISPOSAL: SMALL QUANTITY: SANITARY SEWER.

LARGE QUANTITY: HANDLE THROUGH; VIA LANDFILL DILUTION OR INCINERATIONS

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES

SPECIAL SHIPPING INFORMATION: NONE REQUIRED

STORAGE REQUIREMENTS: STORE IN CLOSED CONTAINERS, AWAY FROM CHILDREN

SPECIAL PRECAUTIONARY STATEMENTS: PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE WAY, AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

VIII - FIRST AID MEASURES

EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER LIFTING UPPER AND LOWER LIDS.

SKIN: WASH WITH WATER

INGESTION: INDUCE VOMITING. GIVE AT LEAST TWO GLASSES OF WATER OR MILK AND GET MEDICAL ATTENTION

PREPARED BY: ECO-CHOICE INDUSTRIES LAB GROUP

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