



MATERIAL SAFETY DATA SHEET

KEM CANADA MFG.
4 BLAIR DRIVE
BRAMPTON, ONTARIO
L6T 2H5
TEL# (905) 456-9444

EMERGENCY # CANUTEC (613) 996-6666
"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION: D2B

MATERIAL REFERENCE NO: 128200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: ENVIROSHINE II	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: MIXTURE
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: MULTI-PURPOSE CLEANER AND DEGREASER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV MG/M3	C.A.S. NUMBERS	LD 50 ORAL, RAT
BENZENESULPHONIC ACID DISODIUM SALT	1.0-5.0	NO DATA	65143-89-7	NO DATA
ETHOXYLATED ALCOHOL	1.0-5.0	NO DATA	68002-97-1	1840 MG/KG
D-LIMONENE	1.0-5.0	NO DATA	5989-27-5	4400 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: YELLOW LIQUID; CITRUS ODOUR.			
ODOUR THRESHOLD (PPM)		SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE		1.01	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)		EVAPORATION RATE	SOLUBILITY IN WATER
NOT AVAILABLE		NOT AVAILABLE	(20 ø C) COMPLETE
BOILING POINT (C)		FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
NOT AVAILABLE		NOT AVAILABLE	>85
pH (10% SOLUTION)		DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
12.5-13.5		NOT APPLICABLE	NOT AVAILABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: NON-FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS:			
MEANS OF EXTINCTION: AS APPROPRIATE FOR SURROUNDING MATERIALS.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPEMENT INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE TO BOILING. (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, SULPHUR, AND			
NITROGEN, SMOKE, UNIDENTIFIED ORGANIC COMPOUNDS.			
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)	
NOT APPLICABLE	NOT APPLICABLE	NOT AVAILABLE	
EXPLOSION DATA SENSITIVITY	RATE OF BURNING	EXPLOSIVE POWER	
TO CHEMICAL IMPACT			
NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE			

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE			
IF NO, UNDER WHICH CONDITIONS:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG INORGANIC ACIDS, STRONG OXIDIZING AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NO DATA AVAILABLE			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD			
OXIDES OF CARBON, SULPHUR, AND NITROGEN, SMOKE, UNIDENTIFIED ORGANIC			
COMPOUNDS.			

SECTION VI - HEALTH HAZARD DATA

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



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| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
| EYES-CONTACT MAY CAUSE IRRITATION, REDNESS, TEARING. |
| SKIN-CONTACT MAY CAUSE IRRITATION. |
| INHALATION-MAY CAUSE IRRITATION OF NOSE, EYES AND THROAT, COUGHING. |
| INGESTION-MAY CAUSE GASTROINTESTINAL IRRITATION, DIARRHEA, NAUSEA, |
| VOMITING, CRAMPS. |
| |

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN RASH (DERMATITIS). |
| CHRONIC EXPOSURE MAY CAUSE LIVER DAMAGE. |
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LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	MODERATE EYE AND
			SKIN IRRITANT

| SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NOT AVAILABLE | NOT AVAILABLE |

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |
| NONE KNOWN |
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SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: IMPERVIOUS (i.e. RUBBER) WHEN HANDLING CONCENTRATE. |
| RESPIRATORY: NONE FOR NORMAL USE |
| EYE: SAFETY GOGGLES |
| FOOTWEAR: NO SPECIAL REQUIREMENTS. |
| CLOTHING: NO SPECIAL REQUIREMENTS. |
| OTHER: EYE WASH AND SAFETY SHOWER |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): |
| PROVIDE LOCAL EXHAUST IN CONFINED AREAS. |

| LEAK AND SPILL PROCEDURE: |
| CONTAIN SPILL. TRANSFER TO SUITABLE CONTAINER FOR REUSE OR DISPOSAL. |
| ABSORB REMAINING MATERIAL ONTO ABSORBANT AND SCOOP INTO DISPOSAL |
| CONTAINER. FLUSH RESIDUAL WITH VOLUMES OF WATER. |

| WASTE DISPOSAL: |
| DISPOSE IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS |
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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN-RINSE AFFECTED AREA THOROUGHLY WITH WATER FOR 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. LAUNDER CLOTHING BEFORE REUSE.
INHALATION-REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND GET MEDICAL ATTENTION.
INGESTION-DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. DO NOT GIVE LIQUIDS IF VICTIM IS UNCONSCIOUS OR CONVULSING. CONTACT A PHYSICIAN IMMEDIATELY.

SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.
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