



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: B2, D2B

MATERIAL REFERENCE NO: 140500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: ENVIROTAIN	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: DRAIN LINE AND GREASE TRAP DEODORIZER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
D-LIMONENE	60.0-100.0	NOT AVAILABLE	5989-27-5	4400 MG/KG
ETHOXYLATED ALCOHOL	1.0-5.0	NOT AVAILABLE	68131-39-5	2000 MG/KG
COCOAMIDE	1.0-5.0	NOT AVAILABLE	68603-42-9	12400 µL/KG
DIETHANOLAMINE		AVAILABLE		
BALANCE NOT CONTROLLED				

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR, LIGHT, AMBER LIQUID, CITRUS ODOUR			
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	
NOT ESTABLISHED	0.850	NOT ESTABLISHED	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
NOT ESTABLISHED	SLOWER THAN WATER	(20°C) EMULSIFIABLE	
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY VOLUME)	
170	< 0	NOT AVAILABLE	
pH (10% SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR	
NOT APPLICABLE	NOT APPLICABLE	NOT AVAILABLE	



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SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: COMBUSTIBLE			
IF YES, UNDER WHICH CONDITIONS: OPEN FLAME.			
MEANS OF EXTINCTION: USE FOAM, DRY CHEMICAL, OR CO2			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-			
CONTAINED BREATHING APPARATUS. USE WATER TO KEEP CONTAINERS COOL.			
FLASH POINT (C) AND METHOD: 43 (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, FUMES, SMOKE,			
UNIDENTIFIED ORGANIC COMPOUNDS.			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP(C)			
NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE			
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER			
TO CHEMICAL IMPACT			
NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE			
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 OXIDIZING AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED			
HAZARDOUS POYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, SMOKE, FUMES,			
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-MAY CAUSE IRRITATION. VAPOURS MAY ALSO CAUSE IRRITATION.
|SKIN-MAY CAUSE MODERATE IRRITATION.
|INHALATION-EXCESSIVE INHALATION OF VAPOURS MAY BE IRRITATING TO
|THROAT, LUNGS AND PULMONARY TRACT.
|INGESTION-MAY BE HARMFUL IF SWALLOWED.
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EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
SKIN-PROLONGED AND REPEATED CONTACT MAY CAUSE DEFATTING AND DRYING
OF SKIN RESULTING IN SKIN IRRITATION AND DERMATITIS.

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NOT AVAILABLE	NOT AVAILABLE

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:|
|NONE KNOWN|

|PERSONAL PROTECTIVE EQUIPMENT: GOGGLES & GLOVES IF USING CONCENTRATE|

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| GLOVES: RUBBER / VINYL
| RESPIRATORY: VAPOUR MASK IF MISTY CONDITIONS PREVAIL
| EYE: SAFETY GOGGLES
| FOOTWEAR: NO SPECIAL REQUIREMENTS
| CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN.
| OTHER: EYE WASH AND SAFETY SHOWER.
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NATURAL IS
| NORMALLY SUFFICIENT. PROVIDE MECHANICAL OR LOCAL VENTILATION IN
| CONFINED AREAS OR IF TLV IS EXCEEDED.
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|LEAK AND SPILL PROCEDURE: CONTAIN SPILL. PROVIDE VENTILATION. REMOVE|
|IGNITION SOURCES. WEAR RECOMMENDED PROTECTIVE EQUIPMENT. SPILLS|
|SHOULD BE TRANSFERRED TO SUITABLE CONTAINER FOR REUSE OR DISPOSAL.|
|ABSORB REMAINING MATERIAL ONTO INERT ABSORBENT AND SCOOP INTO|
|LABELLED DISPOSAL CONTAINER. FLUSH RESIDUAL WITH VOLUMES OF WATER.
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SECTION VIII - FIRST AID MEASURES

PROCEDURES:	
EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15	
MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION	
IMMEDIATELY.	
SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS	
WITH MILD SOAP AND WATER FOR AT LEAST 15 MINUTES. IF IRRITATION	
PERSISTS SEEK MEDICAL ATTENTION. LAUNDER CONTAMINATED CLOTHING	
BEFORE REUSE.	
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GET	
IMMEDIATE MEDICAL ATTENTION.	
INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DO NOT	
GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR CONVULSING. GET	
MEDICAL ATTENTION IMMEDIATELY.	
SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS	
ADDITIONAL INFORMATION: NONE	

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP	
FLAMMABLE LIQUIDS N.O.S.	3	1993	III	
(TERPENES)				
NOT REGULATED IN PACKAGING OF 450 L OR LESS				
HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN.				
WASH THOROUGHLY AFTER HANDLING.				
STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA AWAY FROM				
INCOMPATIBLES. KEEP CONTAINER CLOSED WHEN NOT IN USE.				
SPECIAL SHIPPING INFORMATION: NONE				

SECTION X - HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH	
2	0	1	

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444	
REVISED: OCTOBER 2, 2009	REPLACES: FEBRUARY 13, 2006	

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