



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: 512500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET CT 125	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: POLYMER BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: POLYMER MIXTURE	
MATERIAL USE: DISPERSANT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM SALT OF POLYACRYLIC ACID	5.0-10.0	NOT AVAILABLE	9003-04-7	2750 MG/KG
POLYMALEIC ACID	1.0-5.0	NOT AVAILABLE	26099-09-2	NOT AVAILABLE
2-PROPENOIC ACID (SODIUM SALT)	1.0-5.0	NO DATA	9003-04-7	NO DATA
SODIUM HYDROXIDE	1.0-5.0	2	1310-73-2	500 MG/KG (LDLo RABBIT)

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR-LIGHT STRAW COLOUR; SLIGHT ODOUR.			
ODOUR THRESHOLD (PPM)		SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE		1.04	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)		EVAPORATION RATE	SOLUBILITY IN WATER
APPROXIMATELY 1		(WATER=1) <1	(20 ø C) SOLUBLE
BOILING POINT (C)		FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
~100		APPROX. O C	>85
pH (CONCENTRATED)		DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
6.0-8.0		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: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND NITROGEN,			
AMMONIA, ACRYLIC MONOMERS, TOXIC ORGANIC VAPOURS AND FUMES.			
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 APPLICABLE			

SECTION V – REACTIVITY DATA

CHEMICAL STABILITY: STABLE		
IF NO, UNDER WHICH CONDITIONS:		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: ACIDS, MILD STEEL, NITRITES, SULPHITES, ORGANIC		
HALOGENS, ORGANIC NITRO COMPOUNDS.		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED		
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN GIVE OFF		
OXIDES OF CARBON AND NITROGEN, AMMONIA, ACRYLIC MONOMERS, TOXIC		
ORGANIC VAPOURS AND FUMES.		

SECTION VI – HEALTH HAZARD DATA

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



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| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
| EYES-CONTACT CAN CAUSE MODERATE TO SEVERE IRRITATION. |
| SKIN-CONTACT CAN CAUSE IRRITATION |
| INHALATION-MAY CAUSE IRRITATION OF MOUTH, THROAT AND LARYNX. |
| EXCESSIVE MIST INHALATION MAY CAUSE LUNG DAMAGE WHICH COULD RESULT |
| IN CHEMICAL PNEUMONIA. |
| INGESTION-OF LARGE AMOUNTS MAY RESULT IN GASTRO-INTESTIONAL |
| IRRITATION OR ULCERATION, BURNING SENSATION TO MOUTH AND THROAT. |

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| MAY CAUSE DERMITITIS UPON FREQUENT OR PROLONGED CONTACT. |
| |

| LD 50 OF MATL. | LC 50 OF MATL. | EXPOSURE LIMIT(S) | IRRITANCY OF MATL |
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | MODERATE |

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

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

SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: IMPERMEABLE (i.e. RUBBER, VINYL OR PVA) |
| RESPIRATORY: AIR PURIFYING RESPIRATOR IF MISTY CONDITIONS PREVAIL. |
| EYE: SAFETY GOGGLES |
| FOOTWEAR: NO SPECIAL REQUIREMENTS |
| CLOTHING: ADEQUATE TO PREVENT SKIN CONTACT. |
| OTHER: EYE WASH AND SAFETY SHOWER |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS SUFFICIENT |
| NATURAL OR MECHANICAL VENTILATION TO MAINTAIN TLV WITHIN ACCEPTABLE |
| LIMITS. |

| LEAK AND SPILL PROCEDURE: SMALL SPILLS-WASH DOWN FLOOR DRAIN WITH |
| LARGE VOLUMES OF WATER. LARGE SPILLS-TRANSFER TO SUITABLE CONTAINER |
| FOR REUSE OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO ABSORBANT AND |
| PLACE IN CONTAINER FOR DISPOSAL. FLUSH RESIDUAL WITH VOLUMES OF WATER |

| WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND |
| FEDERAL 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. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.	
SKIN-FLUSH AFFECTED AREA WITH RUNNING WATER FOR 15 MINUTES WHILE	
REMOVING CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL	
ATTENTION. LAUNDER CLOTHING BEFORE REUSE.	
INHALATION-REMOVE TO FRESH AIR.	
INGESTION-RINSE MOUTH WITH WATER. GIVE LARGE AMOUNTS OF WATER TO	
DRINK. NEVER GIVE FLUIDS BY MOUTH IF PERSON IS UNCONSCIOUS OR	
CONVULSING. GET MEDICAL ATTENTION.	
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	
NOT REGULATED				
HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH SKIN AND				
CLOTHING. WASH THOROUGHLY AFTER HANDLING.				
STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA. KEEP CONTAINER				
CLOSED WHEN NOT IN USE.				
SPECIAL SHIPPING INFORMATION: HEATED				

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH	
0	0	1	

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444	
REVIEWED: OCTOBER 10, 2009		

DISCLAIMER:

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