



MATERIAL SAFETY DATA SHEET

KEM CANADA MFG.
4 BLAIR DRIVE
BRAMPTON, ONTARIO
L6T 2H5

EMERGENCY # (905) 456-9444
CANUTEC # (613) 996-6666
W.H.M.I.S. CLASSIFICATION
D2B, E

MATERIAL REFERENCE NO: 512700

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET CT 127	
CHEMICAL NAME : NOT APPLICABLE	CHEMICAL FAMILY : BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: COOLING WATER DISPERSANT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONC.	TLV PPM	C.A.S. N.A. U.N. NUMBERS	LD 50 RAT
SODIUM ACRYLATE	1.0-5.0	NOT	68441-10-1	NOT
SILICATE ESTER		AVAILABLE		AVAILABLE

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID	
ODOUR AND APPEARANCE: CLEAR, PALE STRAW COLOUR; SLIGHT ODOUR.	
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY
NOT AVAILABLE	1.02
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE
NOT AVAILABLE	(WATER = 1) 1
SOLUBILITY IN WATER	
(20 ° C) COMPLETE	
BOILING POINT (C)	FREEZING POINT (C)
ABOVE 100 (C)	NOT AVAILABLE
% VOLATILE (BY WEIGHT)	
>90	
pH (1.0% SOLUTION)	DENSITY (G/ML)
8-9	NOT APPLICABLE
COEF.OF WATER/OIL DISTR	
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, CARBON DIOXIDE, FOAM, DRY CHEMICAL			
SPECIAL PROCEDURES: AS FOR SURROUNDING MATERIALS.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND NITROGEN.			
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)	
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	
EXPLOSION DATA SENSITIVITY RATE OF BURNING			
TO CHEMICAL IMPACT			
NOT AVAILABLE	NOT APPLICABLE	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 ACIDS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NONE KNOWN			
HAZARDOUS DECOMPOSITION PRODUCTS: NONE			

SECTION VI – HEALTH HAZARD DATA

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



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-CONTACT CAN CAUSE IRRITATION |
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|SKIN-PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION. |
| |
|NO HAZARD DUE TO DERMAL ABSORPTION OR INHALATION. |
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|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|UNKNOWN. |
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|LD 50 OF CONCENTRATE |EXPOSURE LIMIT(S) |IRRITANCY OF MATL |
|ORAL- 10 MG / M3 | NOT AVAILABLE | LOW |

|SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NONE | NOT AVAILABLE |

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |
| NOT LISTED IN ANY OF OSHA STANDARD, SECTION 1910.1200 SOURCES AS |
|CARCINOGENIC. |
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SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: RUBBER GLOVES RECOMMENDED |
|RESPIRATORY: NOT NORMALLY REQUIRED |
| EYE: SAFETY GLASSES OR GOGGLES RECOMMENDED |
| FOOTWEAR: NO SPECIAL REQUIREMENTS |
| CLOTHING: NO SPECIAL REQUIREMENTS |
| OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): GENERAL |
| IS SUFFICIENT. |

|LEAK AND SPILL PROCEDURE: CONTAIN SPILL. PREVENT SPILL FROM |
|ENTERING FISH-BEARING WATERS. PUMP INTO APPROPRIATE CONTAINER FOR |
|RECLAIM OR DISPOSAL. ABSORB REMAINING RESIDUE ONTO INERT ABSORBANT |
|AND SCOOP INTO DISPOSAL CONTAINER. |

|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 CLEAN, COOL WATER FOR 15 MINUTES. SEE A PHYSICIAN.
SKIN-WASH THOROUGHLY WITH SOAP AND WATER AND APPLY GLYCERIN. SEE A
PHYSICIAN IF IRRITATION OCCURS. REMOVE AND WASH CONTAMINATED
CLOTHING.
INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.
INGESTION-IF SWALLOWED DO NOT INDUCE VOMITING. RINSE MOUTH WITH
WATER OR MILK THEN SLOWLY GIVE 1-2 GLASSES OF WATER OR MILK. AVOID
ALCOHOL. DO NOT GIVE ANYTHING BY MOUTH IF PERSON IS UNCONSCIOUS OR
CONVULSING. GET IMMEDIATE 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 EYES AND SKIN.
WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA. KEEP CONTAINER
CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
1	1	3

SECTION XI - PREPARATION DATE OF MSDS

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

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