



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: 571700

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET RT # 717	
CHEMICAL NAME : NOT APPLICABLE	CHEMICAL FAMILY : ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: RETURN LINE TREATMENT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. N.A. U.N. NUMBERS	LD 50 ORAL, RAT
2-AMINO-2-METHYL-1- PROPANOL	7.0-13.0	NOT AVAILABLE	124-68-5	2900 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR, COLOURLESS LIQUID; FAINT AMINE ODOUR.			
ODOUR THRESHOLD (PPM)		SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE		0.994	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)		EVAPORATION RATE	SOLUBILITY IN WATER
>1		(WATER = 1) <1.0	(20øC) COMPLETE
BOILING POINT (C)		FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
100 (MINIMUM)		0 (ESTIMATED)	100
pH (10% SOLUTION)		DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
10.5-11.5		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: DRY CHEMICAL OR FOAM, WATER SPRAY.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS. PRODUCES IRRITATING ODOURS AT			
ELEVATED TEMPERATURES.			
FLASH POINT (C) AND METHOD: >100			
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: AVOID CONTACT WITH STRONG ACIDS, COPPER, BRASS,			
ALUMINUM.			
REACTIVITY AND UNDER WHAT CONDITIONS: NO			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY EVOLVE			
NITROUS OXIDES, CARBON MONOXIDE, CARBON DIOXIDE,			

SECTION VI - HEALTH HAZARD DATA

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



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-CONTACT MAY CAUSE IRRITATION. |
|SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. |
|INHALATION-HIGH CONCENTRATIONS MAY CAUSE IRRITATION OF RESPIRATORY |
|TRACT AND LUNGS. |
|INGESTION-CAUSES DROWSINESS, ANXIETY, NAUSEA AND VOMITING. TOXIC. |
|NOTE: |
|IRRITATION FROM VAPOURS IS CAUSED ONLY WHEN PRODUCT IS HEATED TO |
|ELEVATED TEMPERATURES. |
|

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|NO DATA |
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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 |

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

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY |
|NO DATA |
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SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |
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|GLOVES: RUBBER |
|RESPIRATORY: MSHA/NIOSH APPROVED RESPIRATOR IN CONFINED AREAS |
|EYE: FACE SHIELD OR SAFETY GOGGLES |
|CLOTHING: IMPERMEABLE |
|OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL |
|EXHAUST RECOMMENDED. |

|LEAK AND SPILL PROCEDURE: STOP LEAK AND CONTAIN SPILL. TRANSFER TO |
|SUITABLE CONTAINER FOR REUSE OR DISPOSAL. NEUTRALIZE RESIDUAL WITH |
|VINEGAR OR OTHER DILUTE ACID AND FLUSH AREA WITH LARGE AMOUNTS OF |
|WATER. |

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

| PROCEDURES: EYES-IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15 |
| MINUTES. IF PAIN OR IRRITATION PERSIST, SEEK MEDICAL ASSISTANCE. |
| SKIN-REMOVE CONTAMINATED CLOTHING AND FLUSH AFFECTED AREA WITH |
| WATER FOR 15 MINUTES. IF PAIN OR IRRITATION OCCURS, SEEK MEDICAL |
| ASSISTANCE. LAUNDER CLOTHING BEFORE REUSE. |
| INHALATION-MOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION. |
| INGESTION, IF SWALLOWED-DO NOT INDUCE VOMITING. GIVE DILUTE VINEGAR |
| TO NEUTRALIZE. NEVER GIVE FLUIDS TO AN UNCONSCIOUS OR CONVULSING |
| PERSON. GET IMMEDIATE MEDICAL ATTENTION. |
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| 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 WELL VENTILATED AREA IN |
| ORIGINAL CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE. |
| |

| SPECIAL SHIPPING INFORMATION: NONE |

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	2

SECTION XI - PREPARATION DATE OF MSDS

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

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