

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 FORMULA:	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) >1	EVAPORATION RATE (WATER = 1) <1.0	SOLUBILITY IN WATER (20°C) COMPLETE	
BOILING POINT (C) 100 (MINIMUM)	FREEZING POINT (C) 0 (ESTIMATED)	% VOLATILE (BY WEIGHT) 100	
pH (10% SOLUTION) 10.5-11.5	DENSITY (G/ML) 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:
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| 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.

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|

| 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 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.

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| 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:

| 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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