



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: 772400

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET 724	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: CORROSION AND SCALE PREVENTION	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
HYDROXYPHOSPHONO- ACETIC ACID	1.0-5.0	NO DATA	23783-26-8	NO DATA

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, DARK, AMBER LIQUID, LOW ODOUR.		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY 1.017	VAPOUR PRESSURE (MM) NOT AVAILABLE
VAPOUR DENSITY (AIR=1) NOT ESTABLISHED	EVAPORATION RATE (WATER=1) APPROX. 1	SOLUBILITY IN WATER (20 ° C) SOLUBLE
BOILING POINT (C) APPROX. 101	FREEZING POINT (C) APPROX. -1 C	% VOLATILE (BY WEIGHT) >95
pH (CONCENTRATED) 12.0-12.5	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:			
MEANS OF EXTINCTION: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
OXIDES OF PHOSPHOROUS AND SODIUM.			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP (C)			
NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE			
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: STRONG OXIDIZERS, STRONG ACIDS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION GIVES OFF			
OXIDES OF CARBON, PHOSPHOROUS AND SODIUM.			

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 IRRITATION. |
| SKIN-CONTACT MAY CAUSE IRRITATION. |
| INHALATION-BREATHING OF HIGH CONCENTRATIONS OF MIST MAY CAUSE |
| IRRITATION OF RESPIRATORY TRACT. |
| INGESTION-MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT, NAUSEA, |
| VOMITING, DIARRHEA. |
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| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| EYES-REPEATED OR PROLONGED CONTACT MAY CAUSE CONJUNCTIVITIS. |
| SKIN-REPEATED OR PROLONGED CONTACT MAY CAUSE DRYING AND DEFATTING OF |
| SKIN WHICH CAN LEAD TO DERMATITIS. |
| |
| |

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

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

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY |
| NONE KNOWN |
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SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: IMPERVIOUS |
| RESPIRATORY: APPROVED DUST/MIST RESPIRATOR IF MISTING OCCURS |
| EYE: CHEMICAL GOGGLES |
| FOOTWEAR: IMPERMEABLE |
| CLOTHING: IMPERMEABLE |
| OTHER: EYE WASH AND SAFETY SHOWER |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NO SPECIAL |
| REQUIREMENTS FOR NORMAL USE. LOCAL EXHAUST IF TLV IS EXCEEDED. |

| LEAK AND SPILL PROCEDURE: CONTAIN SPILL. WEAR RECOMMENDED SAFETY |
| EQUIPMENT. TRANSFER TO SUITABLE CONTAINER FOR REUSE OR DISPOSAL. |
| ABSORB REMAINING MATERIAL ONTO INERT ABSORBANT AND SCOOP INTO |
| DISPOSAL CONTAINER. 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-DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. GIVE 1-2	
GLASSES OF WATER TO DILUTE CONTENTS. NEVER GIVE ANYTHING BY MOUTH	
TO AN UNCONSCIOUS OR CONVULSING PERSON. 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, SKIN				
AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.				

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

SPECIAL SHIPPING INFORMATION: HEATED				

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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