



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, E

MATERIAL REFERENCE NO: 772200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KT 722	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
MATERIAL USE: CORROSION INHIBITOR	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. U.N. NUMBERS	LD 50 ORAL, RAT
HYDROXYPHOSPHONO ACETIC ACID	1.0-5.0	NO DATA	23783-26-8	2766 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR, AMBER LIQUID, LOW ODOUR.			
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	
NOT AVAILABLE	1.08	NOT AVAILABLE	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
NOT AVAILABLE	(WATER=1) >1	(20 ø C) SOLUBLE	
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)	
~100	~0 C	> 70	
pH (CONCENTRATED)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR	
pH BUFFERED	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, CARBON DIOXIDE, DRY CHEMICAL, FOAM.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
OXIDES OF NITROGEN, AMMONIA, POSSIBLE TRACE AMOUNTS OF PHOSPHINE.			
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 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: ACIDS, STRONG OXIDIZERS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN			
RELEASE OXIDES OF CARBON AND NITROGEN			

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:			
SKIN CONTACT: YES SKIN ABSORPTION: YES EYE CONTACT: YES			
INHALATION: YES INGESTION: YES			



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-CONTACT CAN CAUSE IRRITATION |
|SKIN-CONTACT CAN CAUSE IRRITATION |
|INHALATION-EXCESSIVE INHALATION OF MISTS OR VAPOURS CAN CAUSE |
| IRRITATION OF RESPIRATORY TRACT. |
|INGESTION-CAN CAUSE IRRITATION OF GASTROINTESTINAL TRACT, NAUSEA, |
| VOMITING. |
|

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| NONE KNOWN |
| |
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|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 |
| MAY CAUSE SKIN SENSITIZATION | NOT AVAILABLE |

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

|PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: RUBBER OR PLASTIC |
|RESPIRATORY: NONE REQUIRED |
| EYE: SAFETY GLASSES |
| FOOTWEAR: IMPERMEABLE |
| CLOTHING: IMPERMEABLE |
| OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE |
|LOCAL VENTILATION IN CONFINED SPACES. |

|LEAK AND SPILL PROCEDURE: WEAR RECOMMENDED PROTECTIVE EQUIPMENT. |
|CONTAIN SPILL. PREVENT ENTRY IN SEWERS, LAKES STREAMS. TRANSFER TO |
|SUITABLE CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB REMAINING |
|MATERIAL ONTO INERT ABSORBANT AND PLACE IN CONTAINER FOR DISPOSAL. |
|FLUSH RESIDUAL WITH VOLUMES OF WATER. |
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|WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL |
|AND LOCAL 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-IF INGESTED DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DO NOT GIVE FLUIDS 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, 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
REVIWED: OCTOBER 10, 2009

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