



# 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: D2A, E

MATERIAL REFERENCE NO: 701300

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET PSN	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: POLYMER/SULPHITE/NON-AMINE BOILER TREATMENT	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS   INGREDIENTS	APPROX.   % CONCENT.	TLV   PPM	C.A.S.   NUMBERS	LD 50   ORAL, RAT
SODIUM HYDROXIDE	1.0-5.0	2 MG/M3	1310-73-2	500 MG/KG
				(LDLo RABBIT)
SODIUM SULFITE	1.0-5.0	5 MG/M3	7757-83-7	820 MG/KG

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID	
ODOUR AND APPEARANCE: CLEAR, PALE AMBER COLOUR; MILD RUBBERY ODOUR.	
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY
NOT AVAILABLE	1.09
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE
1	NOT AVAILABLE
SOLUBILITY IN WATER	
(20°C) COMPLETE	
BOILING POINT (C)	FREEZING POINT (C)
101	NOT AVAILABLE
% VOLATILE (BY WEIGHT)	
85	
pH (100% SOLUTION)	DENSITY (G/ML)
10.0-11.0	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, FOAM, DRY CHEMICAL, CARBON DIOXIDE			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROUS OXIDE,			
SULPHUR DIOXIDE, SODIUM SULPHIDE RESIDUE, ACRYLIC MONOMERS, ACRID			
SMOKE, IRRITATING FUMES.			
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 APPLICABLE	
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, STRONG OXIDIZERS, ORGANIC HALOGENS,			
ALUMINUM, ZINC, TIN.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED.			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD			
OXIDES OF CARBON, NITROUS OXIDE, SULPHUR DIOXIDE, SODIUM SULPHIDE			
RESIDUE, ACRYLIC MONOMERS, ACRID SMOKE, IRRITATING FUMES.			

## 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 MAY CAUSE MODERATE TO SEVERE IRRITATION, TEARING, |  
|REDNESS, CONJUNCTIVITIS. |  
|SKIN-CONTACT MAY CAUSE MODERATE IRRITATION. |  
|INHALATION-MAY CAUSE IRRITATION OF NOSE, EYES AND THROAT, COUGHING, |  
|DIZZINESS. |  
|INGESTION-MAY CAUSE IRRITATION AND BURNING SENSATION OF LIPS, MOUTH |  
|AND THROAT, GASTROINTESTINAL IRRITATION, ABUNDANT SALIVATION, |  
|NAUSEA AND VOMITING. MAY CAUSE SEVERE ALLERGIC REACTION IN SOME |  
|ASTHMATICS AND SENSITIVE INDIVIDUALS. |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |  
|EYES-IRREPARABLE DAMAGE OF MUCOUS MEMBRANES, ULCERATION OF EYES, |  
|IMPAIRED VISION. |  
|INGESTION-INGESTION OF LARGE QUANTITIES MAY CAUSE RISK OF STOMACH |  
|PERFORATION. |

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

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

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |  
|NONE KNOWN |

## SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: IMPERMEABLE |  
|RESPIRATORY: AIR PURIFYING RESPIRATOR IF MIST IS PRESENT |  
| EYE: CHEMICAL GOGGLES |  
| FOOTWEAR: IMPERMEABLE |  
| CLOTHING: IMPERMEABLE |  
| OTHER: EYE WASH AND SAFETY SHOWER |  
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL |  
|EXHAUST TO MAINTAIN TLV WITHIN ACCEPTABLE LIMITS. |

|LEAK AND SPILL PROCEDURE: CONTAIN SPILL. TRANSFER TO SUITABLE |  
|CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO |  
|ABSORBANT AND SCOOP INTO DISPOSAL CONTAINER. FLUSH RESIDUAL WITH |  
|VOLUMES OF WATER. |

|WASTE DISPOSAL: |  
|DISPOSE IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS |



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## SECTION VIII - FIRST AID MEASURES

PROCEDURES:  
EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES  
WHILE HOLDING EYELIDS OPEN. IF SYMPTOMS PERSIST, GET MEDICAL  
ATTENTION.  
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. IF BREATHING IS DIFFICULT, GIVE  
OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION AND THEN  
GIVE OXYGEN. GET MEDICAL ATTENTION.  
INGESTION-IF SWALLOWED DO NOT INDUCE VOMITING. GIVE 1-2 GLASSES OF  
WATER TO DILUTE. NEVER 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.	PG
NOT REGULATED			

HANDLING PROCEDURES AND EQUIPMENT:  
AVOID CONTACT WITH SKIN AND EYES. WASH THOROUGHLY AFTER HANDLING.

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

SPECIAL SHIPPING INFORMATION: HEATED

## SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	1

## SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVISED: OCTOBER 10, 2009	REPLACES: DECEMBER 8, 2005

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