



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: 727500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET 275	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: CLOSED SYSTEM CORROSION INHIBITOR	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM METASILICATE	3.0-7.0	NO DATA	6834-92-0	1153 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID	
ODOUR AND APPEARANCE: CLEAR, AMBER COLOUR; LOW ODOUR.	
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY
NOT ESTABLISHED	1.06
ODOUR THRESHOLD (PPM)	VAPOUR PRESSURE (MM)
NOT ESTABLISHED	NOT ESTABLISHED
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE
NOT ESTABLISHED	NOT AVAILABLE
SOLUBILITY IN WATER	
(20°C) COMPLETE	
BOILING POINT (C)	FREEZING POINT (C)
NOT AVAILABLE	NOT AVAILABLE
% VOLATILE (BY VOLUME)	
>88	
pH (10.0 % SOLUTION)	DENSITY (G/ML)
12.0-13.0	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, CARBON DIOXIDE, FOAM, DRY CHEMICAL			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN, SODIUM,			
AND PHOSPHOROUS, TOXIC ORGANIC VAPOURS/FUMES.			
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)	
NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	
EXPLOSION DATA SENSITIVITY			
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 OXIDIZING AGENTS, ACIDS, REACTIVE METALS,			
ORGANIC MATERIALS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD			
OXIDES OF CARBON, NITROGEN AND PHOSPHOROUS, TOXIC ORGANIC			
VAPOURS/FUMES.			

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-MAY CAUSE MODERATE TO SEVERE IRRITATION, POSSIBLE BURNS, |
|CORNEAL DAMAGE. |
|SKIN-MAY CAUSE MODERATE IRRITATION, POSSIBLE BURNS. |
|INHALATION-OF MISTS OR VAPOURS MAY CAUSE IRRITATION OF MOUTH, THROAT |
|AND LARNYX. EXCESSIVE MIST INHALATION MAY CAUSE LUNG DAMAGE WHICH |
|COULD RESULT IN CHEMICAL PNEUMONIA. |
|INGESTION-OF LARGE AMOUNTS MAY RESULT IN GASTRO-INTESTINAL |
|IRRITATION OR ULCERATION, BURNS TO THE MOUTH AND THROAT. |
|

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|MAY CAUSE DERMITITIS UPON FREQUENT OR PROLONGED CONTACT. |
| |
| |
|

|LD 50 OF MATL. |LC 50 OF MATL. |EXPOSURE LIMITS|IRRITANCY OF MATL|
|NOT AVAILABLE |NOT AVAILABLE |NOT ESTABLISHED| MODERATE |

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

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

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: GLOVES & GLASSES IF USING CONCENTRATE|

| GLOVES: RUBBER / VINYL / PVA |

|RESPIRATORY: AIR PURIFYING RESPIRATOR IF MISTY CONDITIONS PREVAIL. |

| EYE: SAFETY GOGGLES OR FACE SHIELD |

| FOOTWEAR: IMPERMEABLE |

| CLOTHING: IMPERMEABLE |

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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYE CONTACT: IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
SKIN CONTACT: WHILE REMOVING CONTAMINATED CLOTHING, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE.
INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. SEEK MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DO NOT GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR CONVULSING. GET MEDICAL ATTENTION IMMEDIATELY.

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 CONTAINERS CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	2

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVISED: OCTOBER 10, 2009	REPLACES: JANUARY 11, 2006

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