



# 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: 525500

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET CSL 255	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
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
2-AMINO-2-METHYL-1-   PROPANOL	1.0-5.0	NOT   AVAILABLE	124-68-5	2900 MG/KG
SODIUM MOLYBDATE	1.0-5.0	5 MG/M3	10102-40-6	4233 MG/KG

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, PALE YELLOW LIQUID; MILD ODOUR.		
ODOUR THRESHOLD (PPM)   NOT AVAILABLE	SPECIFIC GRAVITY   1.03	VAPOUR PRESSURE (MM)   NOT AVAILABLE
VAPOUR DENSITY (AIR=1)   ~1	EVAPORATION RATE   (WATER = 1) <1.0	SOLUBILITY IN WATER   (20°C) COMPLETE
BOILING POINT (C)   NOT AVAILABLE	FREEZING POINT (C)   NOT AVAILABLE	% VOLATILE (BY WEIGHT)   >95
pH (10% SOLUTION)   11.2-11.8	DENSITY (G/ML)   NOT APPLICABLE	COEF.OF WATER/OIL DISTR   NOT AVAILABLE



# MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 525500

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: NON-FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS:			
MEANS OF EXTINCTION: CHEMICAL FOAM, CARBON DIOXIDE, WATER FOG			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH			
WATER.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: MAY EVOLVE OXIDES OF NITROGEN, CARBON			
AND PHOSPHOROUS. TOXIC FUMES.			
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)	
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	
EXPLOSION DATA SENSITIVITY  RATE OF BURNING			
TO CHEMICAL IMPACT			
NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	
SENSITIVITY TO STATIC DISCHARGE: NOT APPLICABLE			

## SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE			
IF NO, UNDER WHICH CONDITIONS:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: AVOID CONTACT WITH REDUCING AGENTS, STRONG ACIDS,			
OXIDIZING AGENTS, COPPER, BRASS, ALUMINUM, ZINC, GALVANIZED METAL.			
REACTIVITY AND UNDER WHAT CONDITIONS: NO DATA			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY EVOLVE			
OXIDES OF NITROGEN, CARBON AND PHOSPHOROUS. TOXIC FUMES.			

## SECTION VI - HEALTH HAZARD DATA

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



# MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 525500

|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |  
|EYES-CONTACT MAY CAUSE IRRITATION. |  
|SKIN-PROLONGED CONTACT MAY CAUSE IRRITATION. |  
|INHALATION-HIGH CONCENTRATIONS MAY CAUSE IRRITATION OF UPPER |  
|RESPIRATORY TRACT AND LUNGS. |  
|INGESTION-MAY CAUSE PAIN, NAUSEA, VOMITING, DIARRHEA, LOSS OF |  
|APPETITE. |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |  
|EYES-PROLONGED OR REPEATED CONTACT MAY CAUSE CORNEAL INJURY. |  
|SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS. |  
|INHALATION-REPEATED INHALATION OVEREXPOSURE MAY CAUSE LIVER |  
|DYSFUNCTION WITH HYPERBILURIBINEMIA. |

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

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

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY |  
|NO DATA AVAILABLE |  
| |  
| |  
| |  
| |  
| |

## SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: RUBBER OR VINYL |  
|RESPIRATORY: WEAR AN APPROPRIATE NIOSH APPROVED RESPIRATOR IF |  
| MISTING OCCURS. |  
| EYE: FACE SHIELD OR SAFETY GOGGLES |  
| CLOTHING: IMPERMEABLE |  
| OTHER: EYE WASH AND SAFETY SHOWER |  
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NONE FOR |  
|NORMAL USE. MECHANICAL OR LOCAL EXHAUST IN CONFINED AREAS OR IF TLV |  
|IS EXCEEDED. |

|LEAK AND SPILL PROCEDURE: STOP LEAK AND CONTAIN SPILL. TRANSFER TO |  
|SUITABLE CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB RESIDUAL ONTO |  
|INERT ABSORBENT AND SCOOP INTO DISPOSAL CONTAINER. FLUSH AREA WITH |  
|VOLUMES OF WATER. |

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



# MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 525500

## 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 PERSIST, SEEK MEDICAL |  
| ASSISTANCE. LAUNDER CLOTHING BEFORE REUSE. |  
| INHALATION-MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE |  
| OXYGEN. GET MEDICAL ATTENTION. |  
| INGESTION, IF SWALLOWED-DO NOT INDUCE VOMITING. RINSE MOUTH WITH |  
| WATER. NEVER GIVE ANYTHING BY MOUTH TO A CONVULSING OR UNCONSCIOUS |  
| 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 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: 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
REVISED: OCTOBER 10, 2009	REPLACES: NOVEMBER 18, 2005

### DISCLAIMER:

THE INFORMATION CONTAINED HEREIN IS COMPILED FROM SOURCES BELIEVED TO BE RELIABLE. THE MANNER AND CONDITIONS OF USE AND HANDLING MAY INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS. WE ACCEPT NO RESPONSIBILITY FOR THE ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING FROM THE USE OF THE INFORMATION.