

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: 562700

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.:	KEMTREET SB 627		
CHEMICAL NAME:	NOT APPLICABLE		
CHEMICAL FAMILY:	BLENDED PRODUCT		
CHEMICAL FORMULA:	MIXTURE		
MOLECULAR WEIGHT:	NOT APPLICABLE		
SYNONYMS:	NONE		
MATERIAL USE:	STEAM BOILER TREATMENT		

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM HYDROXIDE	3.0-7.0	2 MG/M3	1310-73-2	500 MG/KG (LD ₅₀ RABBIT)
MORPHOLINE	1.0-5.0	20	110-91-8	1050 MG/KG
TETRASODIUM ETHYLENE	1.0-5.0	NO DATA	64-02-8	NO DATA
DIAMINE TETRAACETATE		AVAILABLE		AVAILABLE

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE:	LIQUID		
ODOUR AND APPEARANCE:	CLEAR, AMBER COLOUR; LOW AROMATIC ODOUR.		
ODOUR THRESHOLD (PPM)		SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT ESTABLISHED		1.09	NOT ESTABLISHED
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
NOT ESTABLISHED	NOT AVAILABLE	(20°C) COMPLETE	
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY VOLUME)	
>100 C	< 0 C	>85	
pH (10.0 % SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR	
12.5-13.5	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

|SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-
|CONTAINED BREATHING APPARATUS.

|FLASH POINT (C) AND METHOD: >93.9 TCC

|HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN,
|PHOSPHINES AND PHOSPHOROUS, AMMONIA, ALDEHYDES, KETONES, TOXIC
|ORGANIC VAPOURS AND 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 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 HALOGENS, ORGANIC NITRO COMPOUNDS.

|REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED
|

|HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD
|OXIDES OF CARBON, NITROGEN, PHOSPHINES AND PHOSPHOROUS, AMMONIA,
|ALDEHYDES, KETONES, TOXIC ORGANIC VAPOURS AND 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

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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
|EYES-CAN CAUSE SEVERE IRRITATION, BURNS, CORNEAL DAMAGE.
|SKIN-MAY CAUSE MODERATE IRRITATION, REDNESS, BURNS.
|INHALATION-OF MISTS OR VAPOURS MAY CAUSE IRRITATION OF MOUTH, THROAT
|AND LARYNX. EXCESSIVE MIST INHALATION MAY CAUSE LUNG DAMAGE WHICH
|COULD RESULT IN CHEMICAL PNEUMONIA.
|INGESTION-CAN CAUSE GASTROINTESTINAL 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|
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| GLOVES: IMPERVIOUS (I.E. RUBBER, VINYL, PVA)
| RESPIRATORY: AIR PURIFYING RESPIRATOR IF MISTY CONDITIONS PREVAIL.
| EYE: SAFETY GOGGLES OR FACE SHIELD
| FOOTWEAR: IMPERMEABLE
| CLOTHING: IMPERMEABLE
| OTHER: EYE WASH AND SAFETY SHOWER
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE|
|LOCAL VENTILATION IN CONFINED OR POORLY VENTILATED AREAS TO MAINTAIN|
|AIRBORN CONCENTRATIONS WITHIN RECOMMENDED LIMITS.

|LEAK AND SPILL PROCEDURE: WEAR RECOMMENDED PROTECTIVE EQUIPMENT.
|CONTAIN SPILL. PROVIDE ADEQUATE VENTILATION. 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 THROUGH A LICENSED DISPOSAL FACILITY IN ACCORDANCE WITH
|LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.
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SECTION VIII - FIRST AID MEASURES

PROCEDURES:

|EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF 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

| INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS
| DIFFICULT. GET MEDICAL ATTENTION.

| INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DRINK
| 2 GLASSES OF 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
CORROSIVE LIQUID N.O.S. (SODIUM HYDROXIDE)	8	1760	III

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

| STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA.
| KEEP FROM FREEZING. 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

DISCLAIMER:

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