

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: 560300

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET SB 603	
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 SULPHITE	10.0-30.0	NO DATA	7757-83-7	820 MG/KG
SODIUM HYDROXIDE	1.0-5.0	2 MG/M3	1310-73-2	500 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, LIGHT AMBER COLOUR; ACRID ODOUR.		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT ESTABLISHED	1.10	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)
NOT AVAILABLE	NOT AVAILABLE	>75
pH (100 % 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 GEAR INCLUDING SELF-
| CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH
| WATER.

| FLASH POINT (C) AND METHOD: NONE

| HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, SULPHUR AND
| NITROGEN.

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| 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 APPLICABLE | NOT APPLICABLE | NOT AVAILABLE

| 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: ACIDS, OXIDIZING AGENTS.
|

| REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED
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| HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN GIVE OFF
| OXIDES OF CARBON, NITROGEN, SULPHUR DIOXIDE GAS.

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-CAN CAUSE IRRITATION AND POSSIBLE BURNS.
|SKIN-CAN CAUSE IRRITATION.
|INHALATION-CAN CAUSE IRRITATION TO NOSE, THROAT, AND RESPIRATORY
|TRACT.
|INGESTION-CAN CAUSE MODERATE IRRITATION OF THE MOUTH AND
|GASTROINTESTINAL TRACT.
|EXPOSURE TO SMALL AMOUNTS OF SULPHITES HAVE BEEN REPORTED TO CAUSE
|HYPERSENSITIVITY REACTIONS IN SUSCEPTIBLE INDIVIDUALS, ESPECIALLY
|ASMATICS. SYMPTOMS MAY INCLUDE HIVES, RESPIRATORY DISTRESS, FLUSHING
|G.I. DISTURBANCES AND CONTACT DERMATITIS.

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

|MAY CAUSE ALLERGENIC SENSITIZATION

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SECTION VIII - FIRST AID MEASURES

|PROCEDURES: HAZARDOUS PRODUCT. OBTAIN MEDICAL ATTENTION FOR ALL
|EXPOSURES OTHER THAN MINOR INSTANCES OF INHALATION OR SKIN CONTACT.
|INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS
|DIFFICULT. SEEK MEDICAL ATTENTION.
|EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15
|MINUTES. SEEK MEDICAL ATTENTION.
|SKIN CONTACT: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES.
|IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
|INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DRINK
|MILK OR WATER. DO NOT GIVE ANYTHING BY MOUTH IF VICTIM IS
|UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.
|
|SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS
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|ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP
CORROSIVE LIQUID N.O.S.	8	1760	III
(SODIUM HYDROXIDE)			

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

|STORAGE REQUIREMENTS:
|STORE IN A COOL DRY PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
|KEEP FROM FREEZING.

|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
|REVIEWED: OCTOBER 10, 2009

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