



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: 102700

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: A.P.C.	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALKALINE BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: ALL-PURPOSE CLEANER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S NUMBERS	LD 50 ORAL, RAT
SODIUM METASILICATE	1.0-5.0	NONE	6834-92-0	1200 MG/KG
QUATERNARY AMMONIUM COMPOUND	1.0-5.0	400	68391-01-5	0.55 MG/KG
ALCOHOL ETHOXYLATE	1.0-5.0	NOT AVAILABLE	68131-39-5	2000 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: BLUE-GREEN, CLEAR LIQUID, LIGHT PINE ODOUR		
ODOUR THRESHOLD (PPM) NOT ESTABLISHED	SPECIFIC GRAVITY 1.03	VAPOUR PRESSURE (MM) NOT AVAILABLE
VAPOUR DENSITY (AIR=1) GREATER THAN 1	EVAPORATION RATE (WATER=1) <1	SOLUBILITY IN WATER (20 ° C) COMPLETE
BOILING POINT (C) >100	FREEZING POINT (C) NOT ESTABLISHED	% VOLATILE (BY WEIGHT) 93
pH (10% SOLUTION) 11.0 - 12.0	DENSITY (G/ML) 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, CHEMICAL FOAM, CO2

| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF- |
| CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH |
| WATER. |
FLASH POINT (C) AND METHOD: MINIMUM 100 (C)

| HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, |
| ACRID SMOKE AND FUMES, TRACE AMOUNTS OF HYDROGEN CHLORIDE AND OXIDES |
OF NITROGEN.
UPPER EXPLOSION LIMIT
NOT AVAILABLE

EXPLOSION DATA SENSITIVITY	RATE OF BURNING	EXPLOSIVE POWER
TO CHEMICAL IMPACT		
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE

SECTION V - REACTIVITY DATA

| CHEMICAL STABILITY: STABLE |
| IF NO, UNDER WHICH CONDITIONS: |
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
INCOMPATIBILITY TO OTHER SUBSTANCES: YES
IF SO, WHICH ONES: STRONG ACIDS, STRONG OXIDIZING AND REDUCING
AGENTS.

| REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED |
| |
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD
OXIDES OF CARBON, HYDROGEN CHLORIDE AND NITROGEN.

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:
SKIN CONTACT: YES
INHALATION: YES



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
 |EYES-MAY CAUSE STINGING OR BURNING SENSATION, IRRITATION, WATERING |
 |CONJUNCTIVITIS. |
 |SKIN-MAY CAUSE IRRITATION, TINGLING, ITCHING, INFLAMMATION. |
 |INHALATION-MAY CAUSE IRRITATION OF NOSE, EYES AND THROAT. |
 |INGESTION-MAY CAUSE IRRITATION AND BURNING OF LIPS, MOUTH AND |
 |THROAT, PAIN IN SWALLOWING, GASTRO-INTESTINAL IRRITATION, ABUNDANT |
 |SALIVATION, STOMACH CRAMPS, NAUSEA AND VOMITING. |
 |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
 |EYES-MAY CAUSE BURNS AND DAMAGE TO MUCOUS MEMBRANES. |
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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 |
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SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |
 | |
 | GLOVES: RUBBER OR VINYL |
 |RESPIRATORY: TO BE WORN BY PERSONS SENSITIVE TO FUMES. |
 | EYE: FACE SHIELD OR SAFETY GOGGLES |
 | FOOTWEAR: NO SPECIAL REQUIREMENTS |
 | CLOTHING: NO SPECIAL REQUIREMENTS |
 | OTHER: EYE WASH AND SAFETY SHOWER |
 |ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE |
 |LOCAL OR MECHANICAL VENTILATION IN CONFINED AREAS TO MAINTAIN |
 |EXPOSURE CONCENTRATIONS WITHIN ACCEPTABLE LIMITS. |

|LEAK AND SPILL PROCEDURE: CONTAIN SPILL. KEEP OUT OF WATERWAYS. |
 |PUMP OR TRANSFER TO SUITABLE CONTAINER FOR REUSE OR DISPOSAL. |
 |ABSORB REMAINING MATERIAL ONTO SUITABLE ABSORBENT AND SWEEP INTO |
 |CONTAINER FOR DISPOSAL. FLUSH AREA WITH LARGE VOLUME 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 EYES WITH RUNNING WATER FOR AT LEAST 15 |

| MINUTES WHILE HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. |

| SKIN-REMOVE CONTAMINATED CLOTHING IMMEDIATELY AND FLUSH AFFECTED |

| AREA WITH WATER FOR 15 MINUTES. IF PAIN OR IRRITATION PERSISTS |

| CONTACT A PHYSICIAN. LAUNDER CLOTHING BEFORE REUSE. |

| INHALATION-MOVE VICTIM TO FRESH AIR. IF SYMPTOMS PERSIST, GET |

| MEDICAL ATTENTION. |

| INGESTION-DO NOT INDUCE VOMITING. DRINK MILK, EGG WHITES, GELATIN |

| SOLUTION OR WATER. CALL A PHYSICIAN. |

| |

| 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 TIGHTLY SEALED CONTAINERS IN A COOL, |

| DRY AREA, AWAY FROM INCOMPATIBLE MATERIALS. KEEP FROM FREEZING. |

| |

| SPECIAL SHIPPING INFORMATION: NONE |

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 |

| REVIEWED: JUNE 25, 2009 |

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