



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: 107600

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: BIG BLUE	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: CLEANERS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: AUTOMATIC TOILET BOWL CLEANER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
SODIUM DODECYL- BENZENE SULFONATE	1.0-5.0	NOT AVAILABLE	25155-30-0	1260 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: SOLID	
ODOUR AND APPEARANCE: BLUE COLOUR; ODOURLESS.	
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY 1.2
VAPOUR PRESSURE (MM) NOT APPLICABLE	
VAPOUR DENSITY (AIR=1) NOT APPLICABLE	EVAPORATION RATE NOT APPLICABLE
SOLUBILITY IN WATER (20°C) SOLUBLE	
BOILING POINT (C) NOT APPLICABLE	FREEZING POINT (C) NOT AVAILABLE
% VOLATILE (BY WEIGHT) 0	
pH (100% SOLUTION) 7.0-8.0	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: AS APPROPRIATE FOR SURROUNDING MATERIALS.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
OXIDES OF SODIUM.			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP (C)			
NOT APPLICABLE NOT APPLICABLE NOT AVAILABLE			
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER			
TO CHEMICAL IMPACT			
NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE			
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. MIX WITH WATER ONLY.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE			
CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF SODIUM.			

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:			
SKIN CONTACT: YES SKIN ABSORPTION: NO EYE CONTACT: YES			
INHALATION: NO INGESTION: YES			



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-MAY CAUSE MILD TO MODERATE IRRITATION OR BURNING SENSATION. |
|SKIN-MAY CAUSE IRRITATION. MAY AGGRAVATE SKIN DISORDERS. |
|INGESTION-HARMFUL IF SWALLOWED. MAY CAUSE NAUSEA, VOMITING, |
|HEADACHE. |
| |
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| |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|NONE KNOWN |
| |
| |

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

|SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NOT AVAILABLE | NONE KNOWN |
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|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |
|NONE KNOWN |
| |

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:
GLOVES: WATER IMPERVIOUS (LATEX, NEOPRENE RECOMMEDED.
RESPIRATORY: NOT NORMALLY REQUIRED.
EYE: SAFETY GLASSES AS A PRECAUTION.
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: NO SPECIAL REQUIREMENTS
OTHER: EYE WASH AND SAFETY SHOWER



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: |
| EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES |
| WHILE HOLDING EYELIDS OPEN. GET MEDICAL ASSISTANCE IF SYMPTOMS |
| PERSIST. |
| SKIN-WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ASSISTANCE IF |
| IRRITATION OCCURS. |
| INHALATION-REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, GET MEDICAL |
| ATTENTION. |
| INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. RINSE MOUTH WITH |
| WATER, THEN DRINK A GLASS OF WATER. CONTACT A PHYSICIAN IMMEDIATELY. |
DO NOT GIVE LIQUIDS TO AN UNCONSCIOUS OR CONVULSING PERSON.
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. |
| AVOID BREATHING VAPOUR, SPRAY OR MIST. WASH THOROUGHLY AFTER |
HANDLING.
STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA
AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN
USE.

SPECIAL SHIPPING INFORMATION: NON-HEATED

SECTION X - HMIS HAZARD RATING INFORMATION

| FLAMMABILITY | REACTIVITY | HEALTH |
| 0 | 0 | 1 |

SECTION XI - PREPARATION DATE OF MSDS

| PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444 |
REVIEWED: OCTOBER 1, 2009

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