



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: NOT CONTROLLED

MATERIAL REFERENCE NO: 141500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D: HEALTH CARE	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: SURFACTANT MIX
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: HAND SOAP	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
NONE				

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: WHITE VISCOUS LIQUID; CHARACTERISTIC ODOUR		
ODOUR THRESHOLD (PPM) NOT APPLICABLE	SPECIFIC GRAVITY 1.02	VAPOUR PRESSURE (MM) < 1 AT 20 (C)
VAPOUR DENSITY (AIR=1) NOT AVAILABLE	EVAPORATION RATE NOT APPLICABLE	SOLUBILITY IN WATER (20°C) SOLUBLE
BOILING POINT (C) NOT AVAILABLE	FREEZING POINT (C) 0 (EST.)	% VOLATILE (BY WEIGHT) 88
pH (100% SOLUTION) 6.0 - 7.5	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: CARBON DIOXIDE, DRY CHEMICAL POWDER, WATER FOG, CHEMICAL FOAM, SAND OR EARTH.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCULDING SELF-CONTAINED BREATHING APPARATUS.		
FLASH POINT (C) AND METHOD: > 93.3 (PENSKY-MARTENS)		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE		
UPPER EXPLOSION LIMIT NOT AVAILABLE	LOWER EXPLOSION LIMIT NOT APPLICABLE	AUTOIGNITION TEMP(C) NOT AVAILABLE
EXPLOSION DATA SENSITIVITY TO CHEMICAL IMPACT NOT AVAILABLE	RATE OF BURNING NOT APPLICABLE	EXPLOSIVE POWER NOT AVAILABLE
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: NORMALLY STABLE		
IF NO, UNDER WHICH CONDITIONS: EXTREME HEAT OR FLAME		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE, BROMINE AND CHROMIC ACID.		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE		

SECTION VI - HEALTH HAZARD DATA

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



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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT MAY CAUSE IRRITATION

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
NO DATA AVAILABLE

LD 50 OF MATL. NOT AVAILABLE	LC 50 OF MATL. NOT AVAILABLE	EXPOSURE LIMIT(S) NOT AVAILABLE	IRRITANCY OF MATL VERY LOW
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SENSITIZATION OF MATERIAL NOT AVAILABLE	SYNERGISTIC MATERIALS NOT AVAILABLE
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CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: NOT REQUIRED
RESPIRATORY: NOT REQUIRED
EYE: NOT REQUIRED
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: NO SPECIAL REQUIREMENTS
OTHER: EYE WASH
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NOT
REQUIRED

LEAK AND SPILL PROCEDURE:
SMALL SPILLS-WIPE UP AND PLACE IN NORMAL REFUGE.
LARGE SPILLS-CONTAIN SPILL. TRANSFER TO SUITABLE CONTAINER FOR REUSE
(IF NOT CONTAMINATED) OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO
ABSORBENT AND SCOOP INTO DISPOSAL CONTAINER. FLUSH RESIDUAL WITH
VOLUMES OF WATER.

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



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SECTION VIII - FIRST AID MEASURES

PROCEDURES: EYES-FLUSH WITH RUNNING WATER FOR 15 MINUTES. GET MEDICAL ASSISTANCE INGESTION-IF SWALLOWED CALL A PHYSICIAN
SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS
ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME NOT REGULATED	CLASS	UN NO.	PACKING GROUP
HANDLING PROCEDURES AND EQUIPMENT: NO SPECIAL REQUIREMENTS			
STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA. STORE BETWEEN 4.5 (C) AND 49.0 (C) TO ENSURE SHELF LIFE OF THE PRODUCT. KEEP FROM FREEZING.			
SPECIAL SHIPPING INFORMATION: HEATED			

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY 0	REACTIVITY 0	HEALTH 1
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SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905)-456-9444
REVIEWED: JUNE 14, 2003	

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