



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: 271200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D: SOCKO	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: EMULSION
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: WATERLESS HAND CLEANER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
D'LIMONENE	30.0-60.0	NOT AVAILABLE	5989-27-5	4400 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: VISCOUS LIQUID		
ODOUR AND APPEARANCE: ORANGE, LOTIONIZED CREAM; CITRUS ODOUR.		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT ESTABLISHED	(WATER=1) >1	(25°C) SOLUBLE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
NOT ESTABLISHED	NOT ESTABLISHED	NOT ESTABLISHED
pH (100 % SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
6.0-8.0	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: AS FOR SURROUNDING MATERIALS. 		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF- CONTAINED BREATHING APPARATUS FOR ALL INDOOR FIRES. 		
FLASH POINT (C) AND METHOD: NOT APPLICABLE 		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, UNIDENTIFIED ORGANICS. 		
UPPER EXPLOSION LIMIT NOT APPLICABLE	LOWER EXPLOSION LIMIT NOT APPLICABLE	AUTOIGNITION TEMP(C) NOT AVAILABLE
EXPLOSION DATA SENSITIVITY TO CHEMICAL IMPACT NONE	RATE OF BURNING NOT APPLICABLE	EXPLOSIVE POWER NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE: NOT APPLICABLE 		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE IF NO, UNDER WHICH CONDITIONS: 		
INCOMPATIBILITY TO OTHER SUBSTANCES: STRONG ACIDS OR BASES. IF SO, WHICH ONES: 		
REACTIVITY AND UNDER WHAT CONDITIONS: NONE KNOWN. 		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR. 		
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NITROUS OXIDES. 		

SECTION VI - HEALTH HAZARD DATA

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



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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT MAY CAUSE IRRITATION.
SKIN- MAY CAUSE IRRITATION IN SOME INDIVIDUALS. DISCONTINUE USE IF IRRITATION OCCURS.
INHALATION-DOES NOT GIVE OFF VAPOURS. NO EFFECTS KNOWN.
INGESTION-NO TISSUE DAMAGE IF INGESTED. CONTAINS DODECLOXYNOL-12 WHICH IS POISONOUS.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
NONE UNDER NORMAL USE CONDITIONS.

LD 50 OF MATL. NOT AVAILABLE	LC 50 OF MATL. NOT AVAILABLE	EXPOSURE LIMIT(S) NOT AVAILABLE	IRRITANCY OF MATL. LOW
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SENSITIZATION OF MATERIAL NONE KNOWN	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: CHEMICAL GOGGLES IF REQUIRED
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: NO SPECIAL REQUIREMENTS
OTHER: EYE WASH
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NOT REQUIRED.

LEAK AND SPILL PROCEDURE:
REMOVE IGNITION SOURCES. SMALL SPILLS-WIPE UP AND PLACE IN NORMAL REFUGE. FLUSH AREA THOROUGHLY WITH WATER. LARGE SPILLS-CONTAIN SPILL TRANSFER TO CONTAINER FOR RECLAIM OR DISPOSAL. FLUSH AREA WITH WATER
RESIDUAL PRODUCE WILL RESULT IN SLIPPERY SURFACES.

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 IF IRRITATION PERSISTS.
INGESTION-IF SWALLOWED INDUCE VOMITING. CONTACT A PHYSICIAN. VICTIM MAY FEEL NAUSEOUS AND SHOULD BE ACCOMPANIED BY ANOTHER PERSON UNTIL TREATED.
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. DO NOT CONTAMINATE CONTENTS.			
STORAGE REQUIREMENTS:			
STORE IN A COOL, DRY, WELL-VENTILATED AREA TO ENSURE SHELF LIFE OF MATERIAL. PRODUCT IS STABLE BUT COLOUR CHANGES WHEN FROZEN.			
SPECIAL SHIPPING INFORMATION: 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 FEBRUARY 25, 2003	

DISCLAIMER:

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