



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: 120100

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM LT 65	
CHEMICAL NAME: MIXTURE	CHEMICAL FAMILY: HYDROCARBONS
CHEMICAL FORMULA: NOT APPLICABLE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: LOW TEMPERATURE GREASE	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCEN.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
NOT APPLICABLE				

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: PASTE		
ODOUR AND APPEARANCE: AMBER, VISCOS GREASE; BLAND ODOUR		
ODOUR THRESHOLD (PPM) 5 MG/M3 FOR MINERAL OIL	SPECIFIC GRAVITY 0.91 AT 16 (C)	VAPOUR PRESSURE (MM) NOT AVAILABLE
VAPOUR DENSITY (AIR=1) NOT AVAILABLE	EVAPORATION RATE NOT APPLICABLE	SOLUBILITY IN WATER (20 ° C) INSOLUBLE
BOILING POINT (C) 343	FREEZING POINT (C) -56.7	% VOLATILE (BY WEIGHT) <0
pH NOT APPLICABLE	MELTING POINT (C) -148.9	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, CO ₂ , DRY CHEMICAL, FOAM, EARTH, SAND		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS. WATER MAY CAUSE FROTHING.		
FLASH POINT (C) AND METHOD: 149 D-92		
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, SULPHUR, PHOSPHATES TOXIC FUMES, ACRID, SMOKE.		
UPPER EXPLOSION LIMIT NOT APPLICABLE	LOWER EXPLOSION LIMIT NOT APPLICABLE	AUTOIGNITION TEMP(C) 166
EXPLOSION DATA SENSITIVITY TO CHEMICAL IMPACT NONE	RATE OF BURNING NOT AVAILABLE	EXPLOSIVE POWER NONE
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE
IF NO, UNDER WHICH CONDITIONS: OPEN FLAMES
INCOMPATIBILITY TO OTHER SUBSTANCES: YES
IF SO, WHICH ONES: STRONG OXIDIZING AGENTS.
REACTIVITY AND UNDER WHAT CONDITIONS: NOT AVAILABLE
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION PRODUCTS: MAY EMIT OXIDES OF CARBON, SULPHUR PHOSPHATES TOXIC FUMES, ACRID, SMOKE WHEN HEATED TO DECOMPOSITION.

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 IRRITATION, REDNESS.

SKIN-MAY CAUSE MILD IRRITATION. EXCESSIVE OR REPEATED CONTACT MAY CAUSE DRYNESS, DERMATITIS, ERYTHEMA, CRACKING AND DEFATTING OF SKIN.

INFESTATION-MAY CAUSE STOMACH DISCOMFORT, NAUSEA, VOMITING, DIARRHEA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: NONE KNOWN

NO ADDITIONAL INFORMATION AVAILABLE.

LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	MILD

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NONE	NOT AVAILABLE

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: NONE KNOWN.

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: NEOPRENE
RESPIRATORY: NONE FOR NORMAL USE. (NON VOLATILE MATERIAL)
EYE: SAFETY GOGGLES
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: NORMAL WORK WEAR SHOULD BE SUFFICIENT.
OTHER: EYE WASH AND SAFETY SHOWER

ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE SUFFICIENT LOCAL OR GENERAL VENTILATION TO MAINTAIN TLV BELOW 5 MG/M3 FOR MINERAL OIL.

LEAK AND SPILL PROCEDURE: TRANSFER TO SUITABLE CONTAINER FOR REUSE OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO SAND OR INERT MATERIAL. SCOOP UP AND PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. WASH FLOOR WITH DETERGENT AND WATER TO REMOVE RESIDUAL PRODUCT.

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



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:

EYES: FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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: DO NOT GET IN EYES OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT USE NEAR SPARKS OR OPEN FLAMES.

STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
1	0	2

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVISED: JANUARY 8, 2009 REPLACES: DECEMBER 19, 2005

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