



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: 118000

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM " DURA-CLEAR "		
CHEMICAL NAME: GREASE	CHEMICAL FAMILY: HYDROCARBONS	
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE	
SYNONYMS: NONE		
MATERIAL USE: FOOD MACHINERY GREASE		
(CFIA APPROVAL)		

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

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

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: SEMI-SOLID		
ODOUR AND APPEARANCE: CLEAR, SEMI-SOLID; BLAND ODOUR		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	0.90 AT 16 (C)	0
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT APPLICABLE	NOT APPLICABLE	(20 ø C) NIL
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
371	-17.8	0.0
pH	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
NOT APPLICABLE	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: WATER FOG, CO2, DRY CHEMICAL, EARTH/SAND, FOAM			
SPECIAL PROCEDURES: WATER MAY CAUSE FROTHING.			
FLASH POINT (C) AND METHOD: 243			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.			
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)	
NONE	NONE	265.5	
EXPLOSION DATA SENSITIVITY	RATE OF BURNING	EXPLOSIVE POWER	
TO CHEMICAL IMPACT			
NONE	NOT AVAILABLE	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 OXIDIZERS			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT AVAILABLE			
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
VARIOUS HYDROCARBONS, SMOKE, FUMES.			

SECTION VI - HEALTH HAZARD DATA

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



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| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: THIS PRODUCT HAS BEEN USED |
| FOR SEVERAL YEARS WITH NO KNOWN ILL EFFECTS. |
| EYES - MAY CAUSE MILD IRRITATION. |
| SKIN - MAY CAUSE MILD IRRITATION. |

| 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 | MILD |

| SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NONE | NOT AVAILABLE |

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |
| THIS PRODUCT CONTAINS NO KNOWN CARCINOGENS OR MUTAGENS AS DEFINED |
| BY OSHA OR IARC. |

SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: NEOPRENE OR POLYETHYLENE |

| RESPIRATORY: NOT REQUIRED |

| EYE: FACE SHIELD |

| FOOTWEAR: NO SPECIAL REQUIREMENTS |

| CLOTHING: NO SPECIAL REQUIREMENTS |

| OTHER: EYE WASH AND SAFETY SHOWER |

| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): USE WITH |
| ADEQUATE VENTILATION. |

| LEAK AND SPILL PROCEDURE: ABSORB WITH SAND OR INERT MATERIAL. |
| SCOOP UP AND PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. WASH |
| FLOOR TO REMOVE RESIDUAL MATERIAL. |

| WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL |
| AND MUNICIPAL REGULATIONS. |



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: |
| EYES: FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL |
| ATTENTION. |
| SKIN: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE AND LAUNDER |
| CONTAMINATED CLOTHING. |
| INGESTION: INDUCE VOMITING. GET MEDICAL ATTENTION. |
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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: WASH THOROUGHLY AFTER HANDLING. |
| DO NOT GET IN EYES OR ON CLOTHING. KEEP AWAY FROM SPARKS OR OPEN |
FLAMES.
STORAGE REQUIREMENTS: NO SPECIAL CONDITIONS. KEEP CONTAINER CLOSED
WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

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

DISCLAIMER:

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