



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: 120500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM MG-555
CHEMICAL NAME: LUBRICATING GREASE

 | CHEMICAL FORMULA: NOT APPLICABLE | MOLECULAR WEIGHT: NOT APPLICABLE |

SYNONYMS: NONE
MATERIAL USE: NON-MELT HEAVY DUTY MOLY GREASE

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

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

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: SEMI-SOLID
ODOUR AND APPEARANCE: GRAY SEMI-SOLID; BLAND ODOUR

ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	0.90 AT 16 (C)	NOT AVAILABLE

VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT APPLICABLE	NOT AVAILABLE	(20 ø C) NIL

BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
371	- 9.4	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, FOAM, DRY CHEMICAL, EARTH OR
SAND.

| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT, INCLUDING SELF- |
| CONTAINED BREATHING APPARATUS. WATER MAY CAUSE FROTHING. |
| |
FLASH POINT (C) AND METHOD: 279 D-92

| HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND SULPHUR. |
UPPER EXPLOSION LIMIT
NOT AVAILABLE

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 POLYMERIZATION WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD
OXIDES OF CARBON AND SULPHUR.

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:
SKIN CONTACT: YES
INHALATION: NO



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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. |
 | INGESTION-MAY CAUSE NAUSEA, VOMITING, DIARRHEA. |
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 | |

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: NONE KNOWN. |
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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: |
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 | GLOVES: NEOPRENE |
 | 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: TRANSFER TO SUITABLE CONTAINER FOR REUSE |
 | OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO ABSORBENT AND SCOOP INTO |
 | DISPOSAL CONTAINER. WASH FLOOR TO REMOVE RESIDUAL MATERIAL. |
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| 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: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE AND LAUNDER |

| CONTAMINATED CLOTHING. |

| INGESTION: DO NOT INDUCE VOMITING. ASPIRATION OF MATERIAL INTO LUNGS |

| CAN CAUSE CHEMICAL PNEUMONITIS. 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: AVOID CONTACT WITH EYES, SKIN AND |

| CLOTHING. WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM 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 - H.M.I.S. HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
1	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVISED: OCTOBER 1, 2009	REPLACES: JANUARY 26, 2006

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