



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: 120000

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM LT 55	
CHEMICAL NAME: CALCIUM 12 HYDROXY-	CHEMICAL FAMILY: HYDROCARBONS
STEARATE GREASE	
CHEMICAL FORMULA: NOT APPLICABLE MOLECULAR WEIGHT: NOT APPLICABLE	
SYNONYMS: NONE	
MATERIAL USE: FOOD MACHINERY GREASE	
(CFIA APPROVAL)	

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: PASTE	
ODOUR AND APPEARANCE: AMBER SEMI-SOLID; BLAND ODOUR.	
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY
5 MG/M3 FOR MINERAL OIL	0.91 AT 16 (C)
ODOUR THRESHOLD (PPM)	VAPOUR PRESSURE (MM)
5 MG/M3 FOR MINERAL OIL	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE
NOT AVAILABLE	NOT APPLICABLE
VAPOUR DENSITY (AIR=1)	SOLUBILITY IN WATER
NOT AVAILABLE	(20 ° C) INSOLUBLE
BOILING POINT (C)	FREEZING POINT (C)
343	-56.7
BOILING POINT (C)	% VOLATILE (BY WEIGHT)
343	0.0
pH	DENSITY (G/ML)
NOT APPLICABLE	NOT APPLICABLE
pH	COEF.OF WATER/OIL DISTR
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, FOAM, EARTH OR 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: CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS, FUMES, SMOKE.			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP (C)			
NOT AVAILABLE NOT AVAILABLE 166			
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER			
TO CHEMICAL IMPACT			
NONE NOT AVAILABLE NOT AVAILABLE			
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE			

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE			
IF NO, UNDER WHICH CONDITIONS: NONE KNOWN			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG OXIDIZERS			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT AVAILABLE			
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON			

SECTION VI - HEALTH HAZARD DATA

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



|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.|

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.
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|LEAK AND SPILL PROCEDURE: ABSORB WITH SAND OR INERT MATERIAL AND
|SCOOP UP AND PLACE IN APPROPRIATE CONTAINER FOR REUSE OR DISPOSAL.

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



SECTION VIII - FIRST AID MEASURES

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|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 |

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.

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|STORAGE REQUIREMENTS: KEEP CONTAINER CLOSED WHEN NOT IN USE.|
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|SPECIAL SHIPPING INFORMATION: NONE

FLAMMABILITY	REACTIVITY	HEALTH
1	0	2

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
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