



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: 118100

SECTION I - MATERIAL IDENTIFICATION AND USE

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

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: CLEAR, SEMI-SOLID; BLAND ODOUR		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	0.886 @ 16 (C)	O
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)
NOT AVAILABLE	NOT AVAILABLE	0.0
pH	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
NOT APPLICABLE	NOT APPLICABLE	NOT AVAILABLE



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 118100

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 POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON 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		



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 118100

|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-MAY CAUSE MILD, TRANSIENT IRRITATION. |
|SKIN-MAY CAUSE MILD, TRANSIENT IRRITATION. |
|INGESTION-MAY ACT AS A LAXATIVE. |
| |
| |
| |
| |
| |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|EFFECTS OF OVEREXPOSURE MAY INCLUDE IRRITATION OF DIGESTIVE TRACT, |
|NAUSEA, DIARRHEA. |
| |
| |
| |
| |

|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 OR POLYETHYLENE |
|RESPIRATORY: NOT NORMALLY REQUIRED |
| EYE: FACE SHIELD OR GOGGLES. |
| 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 RECLAIM |
|OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO SAND OR INERT MATERIAL |
|AND SCOOP UP AND PLACE IN DISPOSAL CONTAINER. CLEAN UP RESIDUAL |
|MATERIAL WITH A SOLVENT BASED MATERIAL. |

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 118100

SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES: FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. IF SYMPTOMS
OCCUR OR PERSIST GET MEDICAL ATTENTION.
SKIN: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE AND LAUNDER
CONTAMINATED CLOTHING.
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: AVOID CONTACT WITH EYES, SKIN AND
CLOTHING. WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM SPARKS OR
OPEN FLAMES.

STORAGE REQUIREMENTS: 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 2, 2009

DISCLAIMER:

THE INFORMATION CONTAINED HEREIN IS COMPILED FROM SOURCES BELIEVED TO
BE RELIABLE. THE MANNER AND CONDITIONS OF USE AND HANDLING MAY INVOLVE
OTHER AND ADDITIONAL CONSIDERATIONS. WE ACCEPT NO RESPONSIBILITY FOR THE
ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING
FROM THE USE OF THE INFORMATION.