



# 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: 121900

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM CLEAR LUBE 32, 46, 68	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: LUBRICANTS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: FOOD MACHINERY LUBRICANTS	
( 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: LIQUID		
ODOUR AND APPEARANCE: COLOURLESS, VISCOUS LIQUID; MILD PETROLEUM OIL		
ODOUR.		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	0.86	NEGLIGIBLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT ESTABLISHED	NOT AVAILABLE	(20øC) INSOLUBLE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
> 200 C	-24 to -18	< 5
pH (10% SOLUTION)	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

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| FLAMMABILITY: NON-FLAMMABLE |  
IF YES, UNDER WHICH CONDITIONS:
MEANS OF EXTINCTION: SMALL FIRES-USE DRY CHEMICAL, FOAM, WATER SPRAY
OR CO2. FOR LARGE FIRES USE WATER SPRAY, FOG OR FOAM.
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| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF |  
| CONTAINED BREATHING APPARATUS. |  
| |  
FLASH POINT (C) AND METHOD: > 210 °C (CLEVELAND OPEN CUP)
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| HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN, SULPHUR, |  
PHOSPHOROUS COMPOUNDS, SILICON OXIDES, SMOKE AND IRRITATING VAPOURS.
UPPER EXPLOSION LIMIT
NOT AVAILABLE
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EXPLOSION DATA SENSITIVITY	RATE OF BURNING	EXPLOSIVE POWER
TO CHEMICAL IMPACT		
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
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SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE

## SECTION V - REACTIVITY DATA

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| CHEMICAL STABILITY: STABLE |  
IF NO, UNDER WHICH CONDITIONS:
INCOMPATIBILITY TO OTHER SUBSTANCES: YES
IF SO, WHICH ONES: OXIDIZING AGENTS, ACIDS, ALKALIS
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| REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN |  
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, NITROGEN,
SULPHUR, PHOSPHOROUS, SILICON; FORMALDEHYDE, SMOKE AND IRRITATING
VAPOURS.
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## SECTION VI - HEALTH HAZARD DATA

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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 SLIGHT EYE IRRITATION. |  
 |SKIN-CONTACT MAY CAUSE SLIGHT SKIN IRRITATION. |  
 |INGESTION-MAY LEAD TO ASPIRATION OF MATERIAL INTO LUNGS RESULTING |  
 |IN CHEMICAL PNEUMONITIS (INFLAMMATION OF THE LUNGS) AND/OR PULMONARY |  
 |EDEMA (ACCUMULATION OF FLUID IN THE LUNGS). MAY PRODUCE A LAXATIVE |  
 |EFFECT. |

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|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |  
 |SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE DEFATTING, DRYING OF |  
 |SKIN AND DERMATITIS. |  
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LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	SLIGHT SKIN AND
			EYE IRRITANT

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SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NOT EXPECTED	NONE KNOWN

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|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |  
 |NONE KNOWN |  
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## SECTION VII - PREVENTIVE MEASURES

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|PERSONAL PROTECTIVE EQUIPMENT: |

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|GLOVES: IMPERVIOUS |  
 |RESPIRATORY: NOT NORMALLY REQUIRED |  
 |EYE: SAFETY GLASSES OR CHEMICAL GOGGLES |  
 |FOOTWEAR: ADEQUATE TO PREVENT CONTACT WITH SKIN |  
 |CLOTHING: ADEQUATE TO PREVENT CONTACT WITH SKIN |  
 |OTHER: EYE WASH AND SAFETY SHOWER |  
 |ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NO SPECIAL |  
 |VENTILATION REQUIRED FOR NORMAL APPLICATIONS. IF VAPOURS OR MIST ARE |  
 |GENERATED, PROVIDE ADEQUATE VENTILATION TO MAINTAIN AIRBORNE |  
 |CONTAMINANTS BELOW EXPOSURE GUIDELINES(5 MG/M3 OIL MIST). |

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|LEAK AND SPILL PROCEDURE: REMOVE SOURCES OF IGNITION. SMALL SPILLS |  
 |MAY BE WIPED. LARGE SPILLS-CONTAIN SPILL. TRANSFER TO APPROPRIATE |  
 |CONTAINER FOR DISPOSAL OR REUSE. ABSORB REMAINDER MATERIAL ONTO |  
 |SUITABLE INERT ABSORBANT AND PLACE IN CONTAINER FOR DISPOSAL. CLEAN |  
 |CONTAMINATED AREA WITH SOLVENT BASED CLEANER. PREVENT ENTRY INTO |  
 |SEWERS, STREAMS, RIVERS AND OTHER WATERWAYS. |

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

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## SECTION VIII - FIRST AID MEASURES

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| PROCEDURES: |  
| EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES |  
| WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. |  
| SKIN-REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP AND |  
| WATER. GET MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE. |  
| INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, PERFORM ARTIFICIAL |  
| RESPIRATION. GET MEDICAL ATTENTION. |  
| INGESTION-DO NOT INDUCE VOMITING. GUARD AGAINST ASPIRATION OF |  
| MATERIAL INTO LUNGS. 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

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| SHIPPING NAME | CLASS | UN NO. | PACKING GROUP |  
| NOT REGULATED | | | |

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| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. |  
| WASH THOROUGHLY AFTER HANDLING. |  
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| STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA |  
| AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN |  
| USE. |

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SPECIAL SHIPPING INFORMATION: NON-HEATED

## SECTION X - HMIS HAZARD RATING INFORMATION

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| FLAMMABILITY | REACTIVITY | HEALTH |  
| 1 | 0 | 1 |

## SECTION XI - PREPARATION DATE OF MSDS

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| PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444 |  
REVIEWED: OCTOBER 1, 2009

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