



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: 122400

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM "COMPRESSOR LUBRICANT - CLEAR"	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: OILS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: COMPRESSOR LUBRICANT	
MATERIAL USE: FOOD GRADE COMPRESSOR LUBRICANT	
(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
NOT AVAILABLE	0.863
ODOUR THRESHOLD (PPM)	VAPOUR PRESSURE (MM)
NOT ESTABLISHED	NEGLIGIBLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE
NOT ESTABLISHED	NOT AVAILABLE
SOLUBILITY IN WATER	
(20°C) INSOLUBLE	
BOILING POINT (C)	FREEZING POINT (C)
NOT AVAILABLE	-18
% VOLATILE (BY WEIGHT)	
NON VOLATILE	
pH (10% SOLUTION)	DENSITY (G/ML)
NOT APPLICABLE	NOT APPLICABLE
COEF.OF WATER/OIL DISTR	
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: SMALL FIRES-USE DRY CHEMICAL, FOAM, WATER SPRAY			
OR CO2. FOR LARGE FIRES USE WATER SPRAY, FOG OR FOAM.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: > 200 °C (CLEVELAND OPEN CUP)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN, SULPHUR,			
PHOSPHOROUS COMPOUNDS, SILICON OXIDES, SMOKE AND IRRITATING VAPOURS.			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP (C)			
NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE			
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER			
TO CHEMICAL IMPACT			
NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE			
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE			

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE			
IF NO, UNDER WHICH CONDITIONS:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: OXIDIZING AGENTS, ACIDS, ALKALIS			
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.			

SECTION VI - HEALTH HAZARD DATA

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.

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE DEFATTING, DRYING OF |
SKIN AND DERMATITIS.

| 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 |
|-----

| SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NOT EXPECTED | NONE KNOWN |
|-----

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |
| NONE KNOWN |

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

| 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).

| 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.

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



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SECTION VIII - FIRST AID MEASURES

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.

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 AND SKIN.
WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA
AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN
USE.

SPECIAL SHIPPING INFORMATION: NON-HEATED

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
1	0	1

SECTION XI - PREPARATION DATE OF MSDS

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