



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: 118500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM EP-500 #2	
CHEMICAL NAME: GREASE	CHEMICAL FAMILY: HYDROCARBONS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: EXTREME PRESSURE FOOD MACHINERY GREASE #1	

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: WHITE, SEMI-SOLID; BLAND ODOUR		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY 0.89 AT 16 (C)	VAPOUR PRESSURE (MM) NOT APPLICABLE
VAPOUR DENSITY (AIR=1) NOT APPLICABLE	EVAPORATION RATE NOT APPLICABLE	SOLUBILITY IN WATER (20 ø C) NIL
BOILING POINT (C) 371	FREEZING POINT (C) -17.8	% VOLATILE (BY WEIGHT) 0.0
pH NOT APPLICABLE	DENSITY (G/ML) 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: WATER FOG, CO2, DRY CHEMICAL, EARTH OR SAND.			
SPECIAL PROCEDURES: WATER MAY CAUSE FROTHING.			
FLASH POINT (C) AND METHOD: 216			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.			
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)	
NONE	NONE	238	
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: NONE KNOWN.			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG OXIDIZERS			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT AVAILABLE			
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
VARIOUS HYDROCARBONS, SMOKE, FUMES			

SECTION VI - HEALTH HAZARD DATA

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



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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.

|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.

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT:

| GLOVES: NEOPRENE OR POLYETHYLENE

|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: ABSORB WITH SAND OR INERT MATERIAL.

|SCOOP UP AND PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. WASH

|FLOOR TO REMOVE RESIDUAL MATERIAL.

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



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SECTION VIII - FIRST AID MEASURES

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

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP
NOT REGULATED			

HANDLING PROCEDURES AND EQUIPMENT: DO NOT GET IN EYES OR ON CLOTHING
WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM SPARKS OR OPEN FLAMES

STORAGE REQUIREMENTS: KEEP CONTAINER CLOSED WHEN NOT IN USE.
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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:

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