

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: 118000

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DURAKEM " DURA-CLEAR "
CHEMICAL NAME: GREASE
CHEMICAL FORMULA: MIXTURE
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: SEMI-SOLID		
ODOUR AND APPEARANCE: CLEAR, SEMI-SOLID; BLAND ODOUR		
ODOUR THRESHOLD (PPM) SPECIFIC GRAVITY VAPOUR PRESSURE (MM)		
NOT AVAILABLE 0.90 AT 16 (C) 0		
VAPOUR DENSITY (AIR=1) EVAPORATION RATE SOLUBILITY IN WATER		
NOT APPLICABLE NOT APPLICABLE (20 ° C) NIL		
BOILING POINT (C) FREEZING POINT (C) % VOLATILE (BY WEIGHT)		
371 -17.8 0.0		
pH	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

| 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 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 FEDERAL, PROVINCIAL
|AND MUNICIPAL 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.

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

| STORAGE REQUIREMENTS: NO SPECIAL CONDITIONS. KEEP CONTAINER CLOSED
| WHEN NOT IN USE.

| SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMTS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
0	0	1

SECTION XI - PREPARATION DATE OF MSDS

DISCLAIMER:

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