



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: 127400

SECTION I - MATERIAL IDENTIFICATION AND USE

| | |
|-------------------------------|----------------------------------|
| MATERIAL NAME/I.D: ENRICH | |
| CHEMICAL NAME: NOT APPLICABLE | CHEMICAL FAMILY: SURFACTANT MIX |
| CHEMICAL FORMULA: MIXTURE | MOLECULAR WEIGHT: NOT APPLICABLE |
| SYNONYMS: NONE | |
| MATERIAL USE: HAND SOAP | |

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

| HAZARDOUS INGREDIENTS | APPROX. % CONCENT. | TLV PPM | C.A.S. NUMBERS | LD 50 ORAL, RAT |
|--------------------------|-----------------------|------------|-------------------|--------------------|
| NONE | | | | |

SECTION III - PHYSICAL DATA FOR MATERIAL

| | | |
|---|--------------------|-------------------------|
| PHYSICAL STATE: LIQUID | | |
| ODOUR AND APPEARANCE: PINK VISCOUS LIQUID; CHARACTERISTIC ODOUR | | |
| ODOUR THRESHOLD (PPM) | SPECIFIC GRAVITY | VAPOUR PRESSURE (MM) |
| NOT APPLICABLE | 1.02 | < 1 AT 20 (C) |
| VAPOUR DENSITY (AIR=1) | EVAPORATION RATE | SOLUBILITY IN WATER |
| NOT AVAILABLE | NOT APPLICABLE | (20°C) SOLUBLE |
| BOILING POINT (C) | FREEZING POINT (C) | % VOLATILE (BY WEIGHT) |
| NOT AVAILABLE | 0 (EST.) | 88 |
| pH (100% SOLUTION) | DENSITY (G/ML) | COEF.OF WATER/OIL DISTR |
| 5.5 - 7.0 | 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: CARBON DIOXIDE, DRY CHEMICAL POWDER, WATER FOG, | | | |
| CHEMICAL FOAM, SAND OR EARTH. | | | |
| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCULDING SELF- | | | |
| CONTAINED BREATHING APPARATUS. | | | |
| FLASH POINT (C) AND METHOD: > 93.3 (PENSKY-MARTENS) | | | |
| HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN, SULPHUR, | | | |
| HYDROGEN SULPHIDE, SODIUM, ACRID SMOKE AND FUMES. | | | |
| UPPER EXPLOSION LIMIT | LOWER EXPLOSION LIMIT | AUTOIGNITION TEMP(C) | |
| NOT AVAILABLE | NOT APPLICABLE | NOT AVAILABLE | |
| EXPLOSION DATA SENSITIVITY | RATE OF BURNING | EXPLOSIVE POWER | |
| TO CHEMICAL IMPACT | | | |
| NOT AVAILABLE | NOT APPLICABLE | NOT AVAILABLE | |
| SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE | | | |

SECTION V - REACTIVITY DATA

| | | |
|--|--|--|
| CHEMICAL STABILITY: NORMALLY STABLE | | |
| IF NO, UNDER WHICH CONDITIONS: EXTREME HEAT OR FLAME | | |
| INCOMPATIBILITY TO OTHER SUBSTANCES: YES | | |
| IF SO, WHICH ONES: STRONG OXIDIZERS. | | |
| REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN | | |
| HAZARDOUS POLYMERIZATION WILL NOT OCCUR. | | |
| HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN EMIT | | |
| OXIDES OF CARBON, NITROGEN, SULPHUR, HYDROGEN SULPHIDE, SODIUM, | | |
| ACRID SMOKE AND FUMES. | | |

SECTION VI - HEALTH HAZARD DATA

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



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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT CAN CAUSE MILD TO MODERATE IRRITATION.
SKIN-FREQUENT OR PROLONGED CONTACT MAY CAUSE IRRITATION IN SENSITIVE INDIVIDUALS.
INGESTION-MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
NO ADDITIONAL DATA AVAILABLE

| LD 50 OF MATL. | LC 50 OF MATL. | EXPOSURE LIMIT(S) | IRRITANCY OF MATL |
|----------------|----------------|-------------------|-------------------|
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | LOW |

| SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
|---------------------------|-----------------------|
| NOT AVAILABLE | NOT AVAILABLE |

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: NOT REQUIRED
RESPIRATORY: NOT REQUIRED
EYE: NONE REQUIRED FOR NORMAL USE
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: NO SPECIAL REQUIREMENTS
OTHER: EYE WASH
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NOT REQUIRED

LEAK AND SPILL PROCEDURE:
SMALL SPILLS-WIPE UP AND PLACE IN NORMAL REFUGE.
LARGE SPILLS-TRANSFER TO SUITABLE CONTAINER FOR REUSE IF POSSIBLE OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO MATERIAL SUCH AS SAND, SOIL OR VERMICULITE, SWEEP UP AND PLACE IN CONTAINER FOR DISPOSAL. FLUSH RESIDUAL WITH VOLUMES OF WATER.

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



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:

EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ASSISTANCE.

SKIN-IF IRRITATION OCCURS RINSE THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. STOP USING THE PRODUCT.

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. RINSE THOROUGHLY AFTER USE.

STORAGE REQUIREMENTS:

STORE IN A COOL, DRY AREA. STORE BETWEEN 4.5 (C) AND 49.0 (C) TO ENSURE SHELF LIFE OF THE PRODUCT. KEEP FROM FREEZING.

SPECIAL SHIPPING INFORMATION: HEATED

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

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