

## 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: 128800

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: E-2 FOOD HANDLING	
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: OPAQUE VISCOS LIQUID; CHARACTERISTIC ODOUR		
ODOUR THRESHOLD (PPM)		
NOT APPLICABLE	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
	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
6.0 - 7.5	NOT APPLICABLE	NOT AVAILABLE

MATERIAL REFERENCE NO: 128800

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 INCLUDING SELF-  
| CONTAINED BREATHING APPARATUS.

| FLASH POINT (C) AND METHOD: > 93.3 (PENSKY-MARTENS)

| HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE

|

| 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 SUCH AS HYDROGEN PEROXIDE,  
| BROMINE AND CHROMIC ACID.

| REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN

|

| HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

| HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE

|

SECTION VI - HEALTH HAZARD DATA

| ROUTE OF ENTRY:

| SKIN CONTACT: NO SKIN ABSORPTION: NO EYE CONTACT: YES  
| INHALATION: NO INGESTION: YES

MATERIAL REFERENCE NO: 128800

| EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

| EYES-CONTACT MAY CAUSE IRRITATION

|

|

|

|

|

|

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

| NO DATA AVAILABLE

|

|

|

|

| LD 50 OF MATL. | LC 50 OF MATL. | EXPOSURE LIMIT(S) | IRRITANCY OF MATL  
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | VERY 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: NOT REQUIRED

| 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-ABSORB ONTO INERT MATERIAL SUCH AS SAND, SOIL OR

| VERMICULITE, SWEEP UP AND PLACE IN CONTAINER FOR DISPOSAL.

| WASTE DISPOSAL:

| DISPOSE IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS

|

|



## MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 128800

## SECTION VIII - FIRST AID MEASURES

## PROCEDURES:

|EYES-FLUSH WITH RUNNING WATER FOR 15 MINUTES. GET MEDICAL ASSISTANCE  
|INGESTION-IF SWALLOWED CALL A PHYSICIAN

二二二二二二二二

| 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:

| NO SPECIAL REQUIREMENTS

1

#### | 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

## DISCLAIMER:

THE INFORMATION CONTAINED HEREIN IS COMPILED FROM SOURCES BELIEVED TO BE RELIABLE. THE MANNER AND CONDITIONS OF USE AND HANDLING MAY INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS. WE ACCEPT NO RESPONSIBILITY FOR THE ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING FROM THE USE OF THE INFORMATION.