



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: B3, D2B

MATERIAL REFERENCE NO: 246200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: ODORITE	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: DEODORANTS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: ODOUR COUNTERACTANT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 RAT, ORAL	LC 50 RAT
ISOPROPYL ALCOHOL	1.0-5.0	400	67-63-0	5045 MG/KG	16000PPM FOR 8 HOURS
N-ETHYL-N-SOYA MORPHOLINIUM ETHOSULPHATE	1.0-5.0	NO DATA	61791-34-2	1960 MG/KG 1600 MG/KG (MOUSE)	NO DATA

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, PALE PURPLE LIQUID; SWEET SPICE ODOUR.		
ODOUR THRESHOLD (PPM) NOT ESTABLISHED	SPECIFIC GRAVITY 0.94	VAPOUR PRESSURE (MM) 760 @ 100(C)
VAPOUR DENSITY (AIR=1) >1	EVAPORATION RATE (WATER=1) LESS THAN 1	SOLUBILITY IN WATER (20 ° C) MISCIBLE
BOILING POINT (C) 100	FREEZING POINT (C) NOT AVAILABLE	% VOLATILE (BY WEIGHT) 98
pH (10% SOLUTION) 5.5-6.5	DENSITY (G/ML) NOT APPLICABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 246200

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: COMBUSTIBLE		
IF YES, UNDER WHICH CONDITIONS: OPEN FLAMES, SPARKS		
MEANS OF EXTINCTION: CARBON DIOXIDE, CHEMICAL FOAM, WATER FOG.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR. INCLUDING SELF-CONTAINED BREATHING APPARATUS.		
ISOPROPYL ALCOHOL VAPOUR ARE FLAMMABLE.		
FLASH POINT (C) AND METHOD: MINIMUM 38 (C) TCC		
HAZARDOUS COMBUSTION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AMMONIA, SULPHUR OXIDES.		
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP(C)
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
EXPLOSION DATA SENSITIVITY TO CHEMICAL IMPACT	RATE OF BURNING	EXPLOSIVE POWER
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: NORMALLY STABLE		
IF NO, UNDER WHICH CONDITIONS: HIGH TEMPERATURES, IGNITION SOURCES.		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: AVOID CONTACT WITH STRONG ACIDS OR OTHER REACTIVE MATERIALS.		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES, AMMONIA, SULPHUR OXIDES.		

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:		
SKIN CONTACT: YES	SKIN ABSORPTION: YES	EYE CONTACT: YES
INHALATION: YES	INGESTION: YES	



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 246200

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT MAY CAUSE STINGING OR BURNING SENSATION, TEARING.
SKIN-PROLONGED CONTACT MAY CAUSE ITCHING, TINGLING.
INHALATION-OF HIGH CONCENTRATIONS OF VAPOUR MAY CAUSE IRRITATION OF EYES, NOSE AND THROAT, HEADACHES.
INGESTION-MAY CAUSE IRRITATION AND BURNING SENSATION OF LIPS, MOUTH AND THROAT, GASTRO-INTESTINAL IRRITATION, STOMACH CRAMPS, NAUSEA AND VOMITING.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
SKIN-EXCESSIVE AND RPEATED CONTACT CAN CAUSE DRYING AND CRACKING OF SKIN.

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
NOT AVAILABLE	NOT AVAILABLE

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY
NONE

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: NOT NORMALLY REQUIRED. IMPERMEABLE IF HANDLING LARGE QUANTITIES.
RESPIRATORY: NONE FOR NORMAL USE.
EYE: NONE FOR NORMAL USE. GOGGLES IF SPLASHING IS LIKELY.
FOOTWEAR: NO SPECIAL REQUIREMENTS.
CLOTHING: NO SPECIAL REQUIREMENTS
OTHER: EYE WASH AND SAFETY SHOWER.
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): NONE

LEAK AND SPILL PROCEDURE: PROVIDE ADEQUATE VENTILATION. REMOVE ALL IGNITION SOURCES. CONTAIN SPILL. PUMP INTO CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO ABSORBANT AND PLACE IN CONTAINER FOR DISPOSAL. FLUSH RESIDUAL WITH VOLUMES OF WATER.

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 246200

SECTION VIII - FIRST AID MEASURES

PROCEDURES:
 EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR 15 MINUTES. IF PAIN OR IRRITATION PERSISTS, CONTACT A PHYSICIAN.
 SKIN-REMOVE CONTAMINATED CLOTHING AND FLUSH AFFECTED AREA WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ASSISTANCE.
 INHALATION-REMOVE VICTIM TO FRESH AIR.
 INGESTION-DO NOT INDUCE VOMITING. GIVE WATER, VINEGAR AND WATER OR FRUIT JUICE. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE 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 AREA IN ORIGINAL CONTAINER PROPERLY SEALED. KEEP FROM FREEZING.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
2	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
 REVIEWED: JULY 13, 2004

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 RESPONSIBILTY FOR THE ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING FROM THE USE OF THE INFORMATION.