



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: D2B

MATERIAL REFERENCE NO: 242200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D: NU-CLEAN	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: NEUTRAL CLEANERS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: NEUTRAL, MULTI-PURPOSE CLEANER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ETHOXYLATED ALCOHOL	1.0-5.0	NO DATA	68131-39-5	2000 MG/KG
		AVAILABLE		

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, YELLOW LIQUID; LEMON ODOUR		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT APPLICABLE	1.00	< 1 AT 20 (C)
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT AVAILABLE	(WATER=1) > 1	(20øC) SOLUBLE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
>100	0 (EST.)	>90
pH (100% SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
6.0-8.0	NOT APPLICABLE	NOT AVAILABLE



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 242200

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 AND		
PHOSPHOROUS, 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 AVAILABLE	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 OXIDIZING AGENTS, ACIDS.		
REACTIVITY AND UNDER WHAT CONDITIONS: NO DATA AVAILABLE.		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE		
OXIDES OF CARBON, NITROGEN AND PHOSPHOROUS, ACRID SMOKE AND FUMES.		

SECTION VI - HEALTH HAZARD DATA

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 242200

|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-CONTACT CAN CAUSE IRRITATION |
|SKIN-FREQUENT OR PROLONGED CONTACT MAY CAUSE IRRITATION. |
|INHALATION-EXCESSIVE INHALATION OF MISTS OR VAPOURS MAY CAUSE |
|IRRITATION OF MUCOUS MEMBRANES, NOSE AND THROAT. |
|INGESTION-MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, |
|DIARRHEA. |
| |
| |
| |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|SKIN-CONTINUOUS CONTACT WITH SKIN MAY CAUSE DERMATITIS. |
| |
| |
| |

|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: NONE FOR NORMAL USE. IMPERMEABLE GLOVES WHEN HANDLING |
| CONCENTRATE. |
|RESPIRATORY: NOT NORMALLY REQUIRED. |
| EYE: SAFETY GLASSES OR GOGGLES RECOMMEDED. |
| FOOTWEAR: NO SPECIAL REQUIREMENTS |
| CLOTHING: NO SPECIAL REQUIREMENTS |
| OTHER: EYE WASH AND SAFETY SHOWER. |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE |
|LOCAL OR MECHANICAL VENTILATION IN CONFINED AREAS OR IF TLV IS |
|EXCEEDED. |

|LEAK AND SPILL PROCEDURE: CONTAIN SPILL. 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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 242200

SECTION VIII - FIRST AID MEASURES

| PROCEDURES: |

| EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING |

| EYELIDS OPEN. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS. |

| SKIN-RINSE THOROUGHLY WITH RUNNING WATER. IF IRRITATION PERSISTS, GET |

| MEDICAL ASSISTANCE. |

| INHALATION-REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, GET MEDICAL |

| ATTENTION. |

| INGESTION-DO NOT INDUCE VOMITING. NEVER GIVE LIQUIDS BY MOUTH TO AN |

| UNCONSCIOUS OR CONVULSING PERSON. 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. 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 |

| REVIEWED: OCTOBER 4, 2009 |

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.