



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: B2, D2B

MATERIAL REFERENCE NO: 253200

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: QUIK	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: ALCOHOL
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: GLASS / MIRROR RENOVATOR	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 RAT, ORAL
ISOPROPYL ALCOHOL	10.0-30.0	400	67-63-0	5045 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: BLUE COLOUR, BOUQUET ODOUR		
ODOUR THRESHOLD (PPM) GREATER THAN 200	SPECIFIC GRAVITY 0.937	VAPOUR PRESSURE (MM) NOT AVAILABLE
VAPOUR DENSITY (AIR=1) APPROXIMATELY 1	EVAPORATION RATE (WATER=1) LESS THAN 1	SOLUBILITY IN WATER (20 ° C) COMPLETE
BOILING POINT (C) 80	FREEZING POINT (C) NOT AVAILABLE	% VOLATILE (BY WEIGHT) 99
pH (CONCENTRATED) 10.0-11.0	DENSITY (G/ML) NOT AVAILABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE		
IF YES, UNDER WHICH CONDITIONS: IGNITION SOURCES		
MEANS OF EXTINCTION: CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF- CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.		
FLASH POINT (C) AND METHOD: 36 (C) (COC)		
HAZARDOUS COMBUSTION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, FORMALDEHYDE.		
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)
NOT AVAILABLE	NOT AVAILABLE	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: HIGH HEAT, IGNITION SOURCES		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: STRONG OXIDIZING AGENTS, STRONG ALKALIES, MINERAL ACIDS, ALUMINUM, LEAD.		
REACTIVITY AND UNDER WHAT CONDITIONS: MAY BE CORROSIVE TO ALUMINUM AND LEAD.		
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, FORMALDEHYDE.		

SECTION VI - HEALTH HAZARD DATA

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



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| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
| EYES-CONTACT MAY CAUSE IRRITATION, BURNING SENSATION, REDNESS, |
| SWELLING, BLURRED VISION. |
| SKIN-CONTACT MAY CAUSE DRYING AND CRACKING WITH IRRITATION. |
| INHALATION-BREATHING OF HIGH CONCENTRATIONS MAY CAUSE NASAL AND |
| RESPIRATORY IRRITATION NAUSEA, VOMITING, DIZZINESS AND DROWZINESS. |
| INGESTION-MAY CAUSE IRRITATION OF UPPER DIGESTIVE TRACT, HEADACHE, |
| DIZZINESS, FATIGUE, CENTRAL NERVOUS SYSTEM DEPRESSION. |
| |

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| SKIN-EXCESSIVE CONTACT WITH VAPOURS OR LIQUID MAY CAUSE MODERATE |
| IRRITATION, DEFFATING, DERMATITIS. |
| |

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

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

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY |
| NONE KNOWN |
| |

SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: IMPERMEABLE RECOMMENDED WHEN HANDLING CONCENTRATE. |
| RESPIRATORY: NOT NORMALLY REQUIRED. NIOSH APPROVED VAPOUR CANISTER |
| WHEN USED IN CONFINED AREAS. |
| EYE: SAFETY GLASSES RECOMMEDED. |
| FOOTWEAR: NO SPECIAL REQUIREMENTS. |
| CLOTHING: NO SPECIAL REQUIREMENTS. |
| OTHER: EYE WASH AND SAFETY SHOWER |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL TO |
| TO MAINTAIN EXPOSURE LEVELS WITHIN ACCEPTABLE LIMITS. |

| LEAK AND SPILL PROCEDURE: PROVIDE ADEQUATE VENTILATION. REMOVE |
| IGNITION SOURCES. STOP AND CONTAIN SPILL. TRANSFER TO APPROPRIATE |
| CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB REMAINING MATERIAL WITH |
| INERT ABSORBENT SUCH AS SAND, CLAY, EARTH. SCOOP INTO DISPOSAL |
| CONTAINER. FLUSH RESIDUAL WITH VOLUMES OF WATER. |

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



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: |

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

| HOLDING EYELIDS OPEN. CONTACT A PHYSICIAN IMMEDIATELY. |

| SKIN-FLUSH WITH THOROUGHLY WITH RUNNING WATER WHILE REMOVING |

| CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. |

| LAUNDER CLOTHING BEFORE REUSE. |

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

| PERSIST. |

| INGESTION-DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH IF |

| PERSON IS UNCONSCIOUS OR CONVULSING. 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
FLAMMABLE LIQUIDS N.O.S. (ISOPROPYL ALCOHOL)	3	1993	III

| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. |

| DO NOT USE NEAR SOURCES OF IGNITION. USE IN VENTILATED AREA. WASH |

| THOROUGHLY AFTER HANDLING. |

| STORAGE REQUIREMENTS: STORE IN A COOL DRY AREA AWAY FROM DIRECT |

| SUNLIGHT, IGINATION SOURCES AND INCOMPATIBLE MATERIALS. KEEP |

| CONTAINER CLOSED WHEN NOT IN USE. |

| SPECIAL SHIPPING INFORMATION: NONE |

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
3	0	2

SECTION XI - PREPARATION DATE OF MSDS

| PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444 |

| REVIEWED: OCTOBER 4, 2009 |

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