



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: A, B5, D2B

MATERIAL REFERENCE NO: 143621

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: HOSPISEPTIC (AEROSOL)
CHEMICAL NAME: NOT APPLICABLE CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: MIXTURE MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE
MATERIAL USE: GERMICIDAL CLEANER

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ETHYL ALCOHOL	40.0-60.0	1000	64-17-5	3450 MG/KG
ORTHO-PHENYLPHENOL	0.1-1.0	NO DATA	90-43-7	NO DATA
PARA-TERTIARY- AMYLPHENOL	>0.1	NO DATA	80 46 6	NO DATA
TRIETHYLENE GLYCOL	1.0-5.0	NO DATA	112-27-6	1700 MG/KG
PROPYLENE GLYCOL	1.0-5.0	100	107-98 2	5660 MG/KG
METHYL ETHER				
LIQUIFIED PETROLEUM	20.0-40.0	1000	68476-85-7	NO DATA
GAS				

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL
ODOUR AND APPEARANCE: CLEAR LIQUID; SANITARY ODOUR.
ODOUR THRESHOLD (PPM) SPECIFIC GRAVITY VAPOUR PRESSURE (MM)
NOT AVAILABLE (CONCENTRATE) 0.853 67 PSIG AT 20 (C)
VAPOUR DENSITY (AIR=1) EVAPORATION RATE SOLUBILITY IN WATER
> 1 NOT AVAILABLE (20°C) COMPLETE
BOILING POINT (C) FREEZING POINT (C) % VOLATILE (BY WEIGHT)
NOT AVAILABLE NOT AVAILABLE NOT ESTABLISHED
pH (100% SOLUTION) DENSITY (G/ML) COEF.OF WATER/OIL DISTR
8.2 NOT APPLICABLE NOT AVAILABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS: WHEN SPRAYED INTO IGNITION SOURCE.			
MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, CO2.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF			
CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM			
VENTING, BURSTING OR RUPTURING CONTAINERS. USE WATER FOG TO COOL			
FIRE EXPOSED CONTAINERS.			
FLASH POINT (C) AND METHOD: CONCENTRATE 25 (C) T.O.C.			
FLAME EXTENSION-FLAMMABLE			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.			
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		PRESSURIZED CONTAINER	
NOT AVAILABLE	NOT AVAILABLE	KEEP TEMP. BELOW 50C	
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE			

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE			
IF NO, UNDER WHICH CONDITIONS:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG OXIDIZING AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE			
CARBON DIOXIDE, CARBON MONOXIDE.			

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 OF EYES. |
|SKIN-CONTACT MAY CAUSE IRRITATION. |
|INHALATION-CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES. |
| VERY HIGH CONCENTRATIONS MAY CAUSE IRRITATION TO UPPER RESPIRATORY |
| TRACT, DIZZINESS, NAUSEA, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. |
|INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING |
| AND DIARRHEA. ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS. |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|AS FOR ACUTE EFFECTS. |

LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	SKIN AND EYE
			IRRITANT.

|SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NONE KNOWN | NONE KNOWN |

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: RUBBER OR VITON IF REQUIRED |
|RESPIRATORY: NOT NORMALLY REQUIRED. FOR PROLONGED EXPOSURES OR IF |
| TLV IS EXCEEDED, USE APPROVED ORGANIC CANISTER OR SELF |
| CONTAINED BREATHING APPARATUS. |
| EYE: CHEMICAL GOGGLES |
| FOOTWEAR: NO SPECIAL REQUIREMENTS. |
| CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN. |
| OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL |
| VENTILATION IN CONFINED SPACES OR WHEN TLV IS EXCEEDED. |

|LEAK AND SPILL PROCEDURE: REMOVE SOURCES OF IGNITION. ALLOW |
|PROPELLANT TO EVAPORATE. PROVIDE ADEQUATE VENTILATION TO MAINTAIN |
|LEVELS BELOW TLV. COVER WITH SUITABLE ABSORBENT AND SWEEP UP. PLACE |
|IN SUITABLE DISPOSAL CONTAINER. |

|WASTE DISPOSAL: DISPOSE OF THROUGH A LICENSED WASTE DISPOSAL |
|FACILITY IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL |
|REGULATIONS. DO NOT PUNCTURE OR INCINERATE. |



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN-FLUSH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION AND THEN GIVE OXYGEN. GET MEDICAL ASSISTANCE.
INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. 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.	PG
D.G. Safety Marks are in accordance with 49 CFR			

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN.
USE ONLY IN WELL-VENTILATED AREAS. DO NOT HANDLE OR USE NEAR
IGNITION SOURCES. DO NOT SMOKE.

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA
AWAY FROM OXIDIZING AGENTS. DO NOT STORE WHERE TEMPERATURES EXCEED
50 (C).

SPECIAL SHIPPING INFORMATION: NON-HEATED

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
3	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVIEWED: OCTOBER 4, 2009

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