



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: 163321

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: WHITE LILY (AEROSOL)	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: METERED AIR FRESHENER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ETHYL ALCOHOL	7.0-13.0	1000	64-17-5	7060 MG/KG
PROPYLENE GLYCOL	1.0-5.0	NO DATA	57-55-6	20000 MG/KG
PETROLEUM DISTILLATES	15.0-40.0	NO DATA	64742-48-9	NO DATA
LIQUIFIED PETROLEUM GAS	30.0-60.0	1000	68476-85-7	NO DATA

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL		
ODOUR AND APPEARANCE: CLEAR LIQUID; LILY FRAGRANCE		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY (CONCENTRATE) 0.745	VAPOUR PRESSURE (MM) 67 PSIG AT 20 (C)
VAPOUR DENSITY (AIR=1) > 1	EVAPORATION RATE NOT AVAILABLE	SOLUBILITY IN WATER (20°C) SOLUBLE
BOILING POINT (C) INITIAL (FILL) <78.5	FREEZING POINT (C) NOT AVAILABLE	% VOLATILE (BY WEIGHT) NOT AVAILABLE
pH (CONCENTRATE) NOT APPLICABLE	DENSITY (G/ML) NOT APPLICABLE	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:		
MEANS OF EXTINCTION: FOAM, CO2, DRY CHEMICAL, WATER FOG		
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 7°C		
FLAMMABLE SPRAY		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.		
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP(C)
1.9%	0.06%	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: NONE 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 MINOR IRRITATION.
SKIN-CONTACT MAY CAUSE IRRITATION.
INHALATION-INHALATION OF MIST CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES. EXCESSIVE INHALATION 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 OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
AS PER ACUTE EFFECTS.

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 KNOWN	NONE KNOWN

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: CHEMICAL RESISTANT 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 AS REQUIRED.
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: NO SPECIAL REQUIREMENTS
OTHER: EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL TO MAINTAIN LEVELS BELOW TLV.

LEAK AND SPILL PROCEDURE: ALLOW PROPELLANT TO EVAPORATE. PROVIDE ADEQUATE VENTILATION. REMOVE IGNITION SOURCES. ABSORB ONTO SUITABLE ABSORBENT AND SWEEP UP. WASH AREA TO PREVENT SLIPPING.

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 IMMEDIATE MEDICAL ATTENTION.
SKIN-WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS.
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 IN WELL-VENTILATED AREAS ONLY.			
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
(CONC.) 3	(CONC.) 0	(CONC.) 1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVIEWED: AUGUST 12, 2003	

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