



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, D2B

MATERIAL REFERENCE NO: 142721

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: HI-N-DRY (AEROSOL)	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: DRY-SPRAY DEODORIZER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS	APPROX.	TLV	C.A.S.	LD 50	
INGREDIENTS	% CONCENT.	PPM	NUMBERS	ORAL, RAT	
ACETONE	20.0-40.0	500	67-64-1	5800 MG/KG	
TRIETHYLENE GLYCOL	7.0-13.0	NO DATA	112-27-6	1700 MG/KG	
HEXYLENE GLYCOL	1.0-5.0	25	107-41-5	>2000 MG/KG	
LIQUIFIED PETROLEUM	20.0-40.0	1000	68476-85-7	NOT AVAILABLE	
GAS					

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL			
ODOUR AND APPEARANCE: COLOURLESS LIQUID; CLEAN LINEN SCENT.			
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE	
NOT AVAILABLE	CONCENTRATE 0.849	40 PSIG AT 21 (C)	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
> 1	NOT AVAILABLE	(20°C) PARTIALLY	
BOILING POINT (C)	FREEZING POINT (C)	TOTAL VOC %	
56.1	NOT ESTABLISHED	<30	
pH (100% SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR	
NOT APPLICABLE	NOT APPLICABLE	NOT AVAILABLE	



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS: MAY FORM FLAMMABLE MIXTURE IF			
SPRAYED INTO OPEN FLAME, SPARKS OR OTHER IGNITION SOURCES.			
MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, CARBON DIOXIDE.			
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 -17.8 (C)			
FLAME EXTENTION-VERY FLAMMABLE SPRAY			
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 49C			
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 AVAILABLE			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL EMIT			
OFF CARBON DIOXIDE AND 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-CAN CAUSE SEVERE IRRITATION, STINGLING, TEARING, REDNESS, PAIN.
SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. PROLONGED
EXPOSURE CAN CAUSE DEFATINGAND DRYING OF SKIN LEADING TO DERMATITIS.
INHALATION-PROLONGED EXPOSURES TO VAPOURS OR MIST CAN CAUSE NASAL
AND RESPIRATORY IRRITATION, COUGHING, DIZZINESS, HEADACHE, NAUSEA,
LOSS OF COORDINATION.
INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING
DIARRHEA. INGESTION OF LARGER QUANTITIES CAN CAUSE CENTRAL NERVOUS
SYSTEM EFFECTS AND MAY CAUSE KIDNEY AND LIVER DAMAGE.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
NOT AVAILABLE.

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

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NONE KNOWN	NONE KNOWN

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
NONE KNOWN.

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: IMPERMEABLE RECOMMENDED
RESPIRATORY: NIOSH APPROVED RESPIRATOR WITH CARTRIDGES APPROVED FOR
ORGANIC VAPOURS IN CONFINED AREAS OR IF RECOMMENDED
LIMITS ARE EXCEEDED.
EYE: SAFETY GLASSES.
FOOTWEAR: NO SPECIAL REQUIREMENTS.
CLOTHING: NO SPECIAL REQUIREMENTS.
OTHER: EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE
LOCAL MECHANICAL VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS
WITHIN OCCUPATIONAL QUIDELINES.

LEAK AND SPILL PROCEDURE: VENTILATE AREA. REMOVE ALL IGNITION
SOURCES. WEAR PROTECTIVE EQUIPMENT. ALLOW PROPELLANT TO EVAPORATE.
ABSORB SPILLED MATERIAL ONTO INERT ABSORBANT AND PLACE IN CLOSED
CONTAINER FOR DISPOSAL. WASH AREA TO PREVENT SLIPPING.

WASTE DISPOSAL: DISPOSAL OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND
FEDERAL 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 WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN-WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.
INGESTION- DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY
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: USE IN WELL-VENTILATED AREAS. DO NOT USE NEAR HEAT SOURCES, SPARKS, FLAMES, ETC. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.			
STORAGE REQUIREMENTS: STORE IN A COOL, DRY WELL-VENTILATED AREA WHERE TEMPERATURES DO NOT EXCEED 49 (C).			
SPECIAL SHIPPING INFORMATION: NONE			

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
4	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVISED: OCTOBER 4, 2009	REPLACES: FEBRUARY 27, 2006

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