



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: 110400

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: CARPET PRE-SPOTTER		
CHEMICAL NAME: NOT APPLICABLE		CHEMICAL FAMILY: SOLVENT BLEND
CHEMICAL FORMULA: MIXTURE		MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE		
MATERIAL USE: PRE-SPOTTER FOR CARPETS		

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS	APPROX.	TLV	C.A.S.	LD 50	
INGREDIENTS	% CONC.	PPM	NUMBERS	ORAL, RAT	
GLYCOL ETHER	1.0-5.0	NO DATA	108-65-6	8532 MG/KG	
XYLENE	5.0-10.0	100	1330-20-7	4300 MG/KG	
MINERAL SPIRITS	40.0-60.0	NO DATA	64741-65-7	>8000 MG/KG	
AROMATIC HYDROCARBON	10.0-30.0	100	64742-94-5	>500 MG/KG	
ETHYL ACETATE	1.0-5.0	400	141-78-6	5600 MG/KG	
ISOPROPYLAMINE ALKYL	1.0-5.0	NO DATA	26264-05-1	NO DATA	
-ARYL SULFONATE					
ISOPROPYL ALCOHOL	1.0-5.0	400	67-63-0	5840 MG/KG	

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR, COLOURLESS LIQUID; SOLVENT ODOUR.			
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	
NOT AVAILABLE	0.822	NOT AVAILABLE	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
> 1	SLOWER THAN ETHER	(20øC) INSOLUBLE	
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)	
NOT ESTABLISHED	< 0	>95	
pH (10% 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: DIRECT IGNITION SOURCES, SPARKS.			
MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, CO2, WATER FOG.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF			
CONTAINED BREATHING APPARATUS. VAPOURS ARE HEAVIER THAN AIR AND MAY			
TRAVEL TO AN IGNITION SOURCE AND FLASH BACK. COOL FIRE EXPOSED			
CONTAINERS WITH WATER FOG.			
FLASH POINT (C) AND METHOD: APPROX. 0 (C) MINIMUM			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
VARIOUS HYDROCARBONS, OXIDES OF NITROGEN AND SULPHUR.			
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: STABLE			
IF NO, UNDER WHICH CONDITIONS:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG OXIDANTS, STRONG ALKALIES, STRONG MINERAL			
ACIDS AND REDUCING AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: NO DATA			

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-MAY CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.
SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE SEVERE IRRITATION,
DEFATTING, DERMATITIS.
INHALATION-EXCESSIVE INHALATION CAN CAUSE NASAL AND RESPIRATORY
IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION, NAUSEA, VOMITING,
DIZZINESS, WEAKNESS.
INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING
DIARRHEA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE DRYING OF SKIN LEADING
TO DERMATITIS.
INHALATION-EXCESSIVE INHALATION OF HIGH CONCENTRATIONS OF VAPOURS
MAY AFFECT TARGET ORGANS SUCH AS THE LIVER, KIDNEYS, HEART, LUNGS

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

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NONE KNOWN	NONE KNOWN

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER OR VINYL
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: IMPERMEABLE
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. SMALL SPILLS
MAY BE WIPED. LARGE SPILLS-CONTAIN SPILL. TRANSFER TO APPROPRIATE
CONTAINER FOR REUSE OR DISPOSAL. ABSORB REMAINDER WITH SUITABLE
ABSORBANT AND PLACE IN CONTAINER FOR DISPOSAL. CLEAN FLOOR TO REMOVE
RESIDUAL PRODUCT.

WASTE DISPOSAL: DISPOSE OF THROUGH A LICENSED WASTE DISPOSAL
FACILITY IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL
REGULATIONS.



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ASSISTANCE.
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. RINSE MOUTH WITH WATER. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. 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.	3	1993	II
(ETHYL ACETATE MIXTURE)			

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

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL VENTILATED AREA
AWAY FROM INCOMPATIBLES. 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 2, 2009

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