



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: B3, D2B

MATERIAL REFERENCE 248500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: PARTSOLV II
CHEMICAL NAME: MIXTURE

 | CHEMICAL FORMULA: MIXTURE | MOLECULAR WEIGHT: MIXTURE |

SYNONYMS: NONE
MATERIAL USE: SPECIAL SAFETY SOLVENT DEGREASER

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
4-ISOPROPENYL 1-METHYLCYCLOHEXANE	10.0-30.0	NO DATA	5989-27-5	4400 MG/KG
NAPHTHA PETROLEUM DISTILLATES	60.0-100.0	100	64742-88-7	>5000 MG/KG
NONYL PHENOL ETHOXYLATE	5.0-10.0	NO DATA	9016-45-9	1310 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: CLEAR LIQUID; CITRUS ODOUR.

ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	0.86	NOT AVAILABLE

VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT AVAILABLE	SLOWER THAN WATER	(20°C) INSOLUBLE

BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY VOLUME)
~160 (C)	NOT AVAILABLE	NOT AVAILABLE

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: COMBUSTIBLE |
IF YES, UNDER WHICH CONDITIONS: DIRECT IGNITION SOURCE.
MEANS OF EXTINCTION: FOAM, WATER FOG, DRY CHEMICAL, CO2.

| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF- |
| CONTAINED BREATHING APPARATUS. VAPOURS ARE HEAVIER THAN AIR AND MAY |
TRAVEL TO AN IGNITION SOURCE.
FLASH POINT (C) AND METHOD: MINIMUM 42 TCC

| HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, VARIOUS |
| HYDROCARBONS, OTHER IRRITATING AND TOXIC GASES. |
UPPER EXPLOSION LIMIT
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 OXIDIZING AGENTS, STRONG ALKALIES,
MINERAL ACIDS.

| REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED |
| |
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN PRODUCE
OXIDES OF CARBON, VARIOUS HYDROCARBONS AND OTHER IRRITATING AND
TOXIC GASES.

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:
SKIN CONTACT: YES
INHALATION: YES



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYE CONTACT: VAPOURS AND LIQUID MAY CAUSE IRRITATION. |
|SKIN CONTACT: CAN CAUSE MODERATE IRRITATION, DISCOMFORT. |
|INHALATION: MAY CAUSE NASAL AND RESPIRATORY TRACT IRRITATION. |
|INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING |
|AND DIARRHEA. |
| |
| |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|SKIN: PROLONGED OR REPEATED EXPOSURE CAN CAUSE DEFATTING AND DRYING |
|OF SKIN RESULTING IN IRRITATION AND DERMATITIS. |
| |
| |
| |

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

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

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

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: RUBBER OR NEOPRENE |
|RESPIRATORY: IF EXPOSURE EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A |
| NIOSH APPROVED ORGANIC VAPOUR RESPIRATOR. |
| EYE: SAFETY GOGGLES |
| FOOTWEAR: NO SPECIAL REQUIREMENT. RUBBER IF HANDLING LARGE |
| QUANTITIES. |
| CLOTHING: IMPERVIOUS WHEN HANDLING LARGE QUANTITIES. |
| OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL |
|EXHAUST FOR LARGE SCALE USE. |

|LEAK AND SPILL PROCEDURE: ELIMINATE IGNITION SOURCES. WEAR |
|RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. PUMP |
|LIQUID TO APPROPRIATE CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB |
|REMAINING MATERIAL ONTO SAND, EARTH, CLAY, FLOOR ABSORBENT AND PLACE |
|IN CONTAINER FOR DISPOSAL. |

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



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: |

| EYES: HOLD EYELIDS OPEN AND FLUSH WITH RUNNING WATER FOR AT LEAST |

| 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. |

| SKIN: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP AND |

| WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. LAUNDRER |

| CLOTHING BEFORE REUSE. |

| INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS |

| DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL |

| ATTENTION. |

| INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. 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.	PACKING GROUP
FLAMMABLE LIQUID N.O.S. (PETROLEUM DISTILLATES)	3	1993	III

| NOT REGULATED IN CONTAINERS LESS THAN 450 LITRES |

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

| CLOTHING. PROVIDE ADEQUATE VENTILATION IN USE AREA. WASH THOROUGHLY |

| AFTER HANDLING. |

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

| INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN USE. |

| SAFEGUARD FROM MECHANICAL DAMAGE/ KEEP AWAY FROM HEAT. |

| SPECIAL SHIPPING INFORMATION: |

SECTION X - HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
2	0	1

SECTION XI - PREPARATION DATE OF MSDS

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

| REVIEWED: JUNE 14, 2009 |

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