



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: D2B

MATERIAL REFERENCE NO: 146300

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: ICE - SAFETY SOLVENT DEGREASER	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: ENVIRONMENTALLY SAFE DEGREASER	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
D-LIMONENE	60 - 100	NOT AVAILABLE	5989-27-5	4400 MG/KG
PINE OIL	10 - 30	NOT AVAILABLE	8002-09-3	NOT AVAILABLE
BALANCE NOT CONTROLLED				

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, STRAW/GOLDEN LIQUID; CITRUS ODOUR		
ODOUR THRESHOLD (PPM) NOT ESTABLISHED	SPECIFIC GRAVITY 0.860	VAPOUR PRESSURE (MM) NOT ESTABLISHED
VAPOUR DENSITY (AIR=1) NOT ESTABLISHED	EVAPORATION RATE SLOWER THAN WATER	SOLUBILITY IN WATER (20°C) EMULSIFIABLE
BOILING POINT (C) 170	FREEZING POINT (C) < 0	% VOLATILE (BY VOLUME) > 80
pH (10% SOLUTION) NOT APPLICABLE	DENSITY (G/ML) NOT APPLICABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE



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| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
| EYES-CONTACT WILL CAUSE IRRITATION. FUMES MAY CAUSE IRRITATION. |
| SKIN-CONTACT CAN CAUSE IRRITATION. |
| INHALATION-LIQUID OR VAPOURS MAY CAUSE IRRITATION OF NOSE, THROAT |
| AND LUNGS. |
| INGESTION-CAN CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS. |
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| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE DEFATTING AND DRYING OF |
| SKIN RESULTING IN IRRITATION AND DERMATITIS. |
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| LD 50 OF MATL. | LC 50 OF MATL. | EXPOSURE LIMIT(S) | IRRITANCY OF MATL |
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE | MODERATE |

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

| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |
| NONE KNOWN. |
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SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: GOGLES & GLOVES IF USING CONCENTRATE |
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| GLOVES: RUBBER / VINYL |
| RESPIRATORY: NONE FOR NORMAL USE. VAPOUR CANISTER IF TLV IS EXCEEDED |
| EYE: SAFETY GOGGLES RECOMMENDED |
| FOOTWEAR: NO SPECIAL REQUIREMENTS. |
| CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN. |
| OTHER: EYE WASH AND SAFETY SHOWER |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): GENERAL |
| VENTILATION SHOULD BE SUFFICIENT. |

| LEAK AND SPILL PROCEDURE: SMALL SPILLS CAN BE WIPED UP. LARGE SPILLS |
| SHOULD BE COLLECTED FOR REUSE OR DISPOSAL. ABSORB REMAINING PRODUCT |
| WITH SUITABLE ABSORBENT AND PLACE IN DISPOSAL CONTAINER. PREVENT |
| MATERIAL FROM ENTERING DRAINS, SEWERS AND WATERWAYS. |

| WASTE DISPOSAL: |
| DISPOSE THROUGH A LICENSED WASTE DISPOSAL FACILITY IN ACCORDANCE |
| WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS. |
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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF
RESPIRATORY IRRITATION PERSISTS.
EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES.
SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN CONTACT: FLUSH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION
PERSISTS SEEK MEDICAL ATTENTION. LAUNDER CONTAMINATED CLOTHING
BEFORE REUSE.
INGESTION: 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
FLAMMABLE LIQUIDS, N.O.S. (TERPENE HYDROCARBONS)	3	1993	III
NOT REGULATED IN CONTAINERS <450 LITRES			

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN.
WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS: STORE IN A COOL DRY PLACE AWAY FROM OXIDIZING
AGENTS. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

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: OCTOBER 4, 2009

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