

MATERIAL SAFETY DATA SHEET : 00005566

KG PACKAGING INC.
 8001 KEELE STREET P.O. BOX 89
 CONCORD, ONTARIO CANADA L4K 1B2
 CHEMTEL EMERGENCY #:1-800-255-3924(24HR)

Product: KONK INSECTICIDE FOAM (EPA REG. NUMBERS 5978-13, 17.5OZ)

SECTION 01: MANUFACTURER INFORMATION

MANUFACTURER.....KG PACKAGING INC.
 8001 KEELE STREET P.O. BOX 89
 CONCORD, ONTARIO
 CANADA
 L4K 1B2
 CHEMTEL EMERGENCY #:1-800-255-3924(24HR)
 PRODUCT NAME.....340973US KONK INSECTICIDE FOAM
 CHEMICAL FAMILY.....D-TRANS ALLETHRIN/PERMETHRIN/MGK264.
 TRADE NAMES & SYNONYMS.....SAME AS PRODUCT NAME.
 PRODUCT USES.....INSECTICIDE.
 CHEMICAL FORMULA.....NOT APPLICABLE.
 MOLECULAR WEIGHT.....NOT APPLICABLE.
 T.D.G. CLASSIFICATION.....CONSUMER COMMODITY.
 WHMIS CLASSIFICATION.....NOT APPLICABLE.
 CNFC SECTION 3.3.5.....LEVEL 1.
 NFPA CODE 30B.....LEVEL 1.
 HMIS RATING FLAMMABILITY.....1 SLIGHT HAZARD.
 HMIS RATING HEALTH.....2 MODERATE HAZARD.
 HMIS RATING REACTIVITY.....0 MINIMAL HAZARD.

SECTION 02: HAZARDOUS INGREDIENTS

%	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
D-TRANS ALLETHRIN			
0.050	28057-48-9 NOT AVAILABLE	875 mg/kg ORAL - RAT	2.51 mg/l of air INHAL - RAT
PERMETHRIN			
0.200	52645-53-1 NOT AVAILABLE	>2500 mg/kg ORAL - RAT	NOT AVAILABLE
N-OCTYL BICYCLOHEPTENE		DICARBOXIMIDE	
0.250	113-48-4	4980 mg/kg ORAL - RAT	4080 mg/L INHAL - RAT
ETHANOL			
5-10	64-17-5 1000 ppm	7060 mg/kg ORAL - RAT	31,623 ppm (4 hr) INHAL - RAT
ISOBUTANE			
3.7	75-28-5	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE			
1.5	74-98-6 1000 ppm	NOT APPLICABLE	NOT AVAILABLE

SECTION 03: PHYSICAL DATA

PHYSICAL STATE.....AEROSOL.
BOILING POINT (DEG C) (CONC).....78-100.
VAPOUR PRESSURE (PSIG) -AEROSOL.....65 - 75.
@ 20 C
VAPOUR DENSITY (AIR=1).....GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER.....SOLUBLE.
APPEARANCE.....OFF-WHITE EMULSION.
ODOR.....ALCOHOL.
ODOR THRESHOLD.....NOT AVAILABLE.
SPECIFIC GRAVITY (LIQUID).....0.95-0.99.
SPECIFIC GRAVITY (AEROSOL).....0.88-0.92.
AEROSOL PERCENT VOC (W/W).....19.95.
AEROSOL PERCENT VOLATILE.....97-98.
(BY WEIGHT)
EVAPORATION RATE.....GREATER THAN 1.
n-BUTYL ACETATE = 1
pH.....8.6-9.5.
FREEZING POINT: (C).....NOT AVAILABLE.
COEFFICIENT OF WATER\OIL.....NOT AVAILABLE.
DIST.

SECTION 04: FIRE & EXPLOSION DATA

AEROSOL FLAME PROJECTION
CLASSIFIED AS:.....0 CM.
FLASHBACK.....NONE.
FLAMMABILITY.....PRODUCT DOES NOT HAVE A FLAME EXTENSION.
IF YES, UNDER WHICH.....EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
CONDITIONS ?
EXTINGUISHING MEDIA.....CARBON DIOXIDE, DRY CHEMICAL, FOAM.
SPECIAL PROCEDURES.....WATER FROM FOGGING NOZZLES MAY BE USED TO
COOL CLOSED CONTAINERS TO PREVENT BUILD-UP
IF EXPOSED TO EXTREME TEMPERATURES.FULL
PROTECTIVE EQUIPMENT INCLUDING SELF
CONTAINED BREATHING APPARTATUS SHOULD BE
WORN IN A FIRE INVOLVING THIS MATERIAL.
FLASH POINT (C) ,TAG CLOSED-CUP.....32.2-35.0.
(CONCENTRA TE)
AUTO IGNITION TEMPERATURE (C).....422-465.
LOWER FLAMMABLE LIMIT.....1.
(% BY VOLUME)
UPPER FLAMMABLE LIMIT.....19.
(% BY VOLUME)
HAZARDOUS COMBUSTION
PRODUCTS.....HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
EXPLOSION DATA
SENSITIVITY TO STATIC.....NOT APPLICABLE.
DISCHARGE
SENSITIVITY TO IMPACT.....NOT APPLICABLE.

SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY:
YES.....UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....NOT APPLICABLE.
COMPATABILITY WITH OTHER

SUBSTANCES :

NO, WHICH ONES?.....STRONG OXIDIZING AGENTS.
HAZARDOUS PRODUCTS OF
DECOMPOSITION.....HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
REACTIVITY CONDITIONS?.....NOT APPLICABLE.

SECTION 06: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT.....MAY CAUSE IRRITATION.
SKIN ABSORPTION.....NO DATA AVAILABLE FOR THIS PRODUCT
MIXTURE.
EYE CONTACT.....MAY CAUSE IRRITATION.
INHALATION.....INHALATION OF SOLVENTS MAY CAUSE
IRRITATION. PROPELLANT IS A SIMPLE
ASPHYXIANT.
INGESTION.....MAY CAUSE HEADACHE, NAUSEA, VOMITING AND
WEAKNESS.
EFFECTS OF ACUTE EXPOSURE.....DIZZINESS, NAUSEA. IRRITATION TO SKIN &
EYES.
EFFECTS OF CHRONIC EXPOSURE.....SOLVENTS MAY CAUSE DEFATTING DERMATITIS.
EXPOSURE LIMIT OF MATERIAL.....SEE SECTION II.
IRRITANCY OF MATERIAL.....SKIN/EYE IRRITANT.
SENSITIZING CAPABILITY OF.....UNKNOWN.
MATERIAL
CARCINOGENICITY OF MATERIAL.....THE INGREDIENTS OF THIS PRODUCT ARE NOT
LISTED AS CARCINOGENS BY NTP, (NATIONAL
TOXICOLOGY PROGRAM), NOT REGULATED AS
CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY
AND HEALTH ADMINISTRATION), AND HAVE NOT
BEEN EVALUATED BY IARC, (INTERNATIONAL
AGENCY FOR RESEARCH ON CANCER), NOR BY
ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL
INDUSTRIAL HYGIENISTS).
REPRODUCTIVE EFFECTS.....NO INFORMATION IS AVAILABLE AND NO ADVERSE
REPRODUCTIVE EFFECTS ARE ANTICIPATED.
TERATOGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE
TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE
MUTAGENIC EFFECTS ARE ANTICIPATED.
SYNERGISTIC MATERIALS.....NONE KNOWN.

SECTION 07: PREVENTIVE MEASURES

GLOVES/ TYPE.....WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE.....IF USED INDOORS ON A CONTINUOUS BASIS, USE
OF A CARTRIDGE TYPE RESPIRATOR
(NIOSH/MSHATC 23C OR EQUIVALENT) IS
RECOMMENDED.
EYE/TYPE.....SAFETY GLASSES.
FOOTWEAR/TYPE.....NOT NORMALLY REQUIRED.
OTHER/TYPE.....NOT REQUIRED.
ENGINEERING CONTROLS.....VENTILATION - LOCAL (MECHANICAL IF USED
INDOORS ON A CONTINUOUS BASIS).
LEAK/SPILL.....REMOVE ALL SOURCES OF IGNITION. USE AN
INERT ABSORBENT MATERIAL, AND NON-SPARKING
TOOLS. AVOID BREATHING FUMES. VENTILATE
AREA. PREVENT FROM ENTERING A WATERCOURSE.

HANDLING PROCEDURES AND

EQUIPMENT.....STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
WASTE DISPOSAL.....DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY.DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.
STORAGE NEEDS.....KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
SPECIAL SHIPPING INSTRUCTIONS.....SEE SECTION 1.....TDG CLASSIFICATION.

SECTION 08: FIRST AID MEASURES

EMERGENCY FIRST AID
PROCEDURE.....IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

SECTION 09: ADDITIONAL INFORMATION

NOTICE FROM KG PACKAGING
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