

MATERIAL SAFETY DATA SHEET : 00005567

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

Product: 340443US KONK 1 FLYING INSECT KILLER (EPA # 5978-10 8.5OZ)

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.....BVT KONK 1 FLYING INSECT KILLER 35% VOC
 CHEMICAL FAMILY.....PYRETHRINS/PIPERONYL BUTOXIDE/MGK 264.
 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 3.
 NFPA CODE 30B.....LEVEL 3.
 HMIS RATING FLAMMABILITY.....4 SEVERE HAZARD.
 HMIS RATING HEALTH.....2 MODERATE HAZARD.
 HMIS RATING REACTIVITY.....1 SLIGHT HAZARD.

SECTION 02: HAZARDOUS INGREDIENTS

%	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
PYRETHRINS			
0.974	8003-34-7 5 mg/m3	1680 mg/kg ORAL - RAT	NOT AVAILABLE
PIPERONYL BUTOXIDE			
1.950	51-03-6	7.5-10.0 g/kg ORAL-RAT	NOT AVAILABLE
N-OCTYL BICYCLOHEPTENE		DICARBOXIMIDE	
3.210	113-48-4	4980 mg/kg ORAL - RAT	4080 mg/L INHAL - RAT
ISOPROPANOL			
5-10	67-63-0 400 ppm	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT
PARAFFINIC NAPHTHENIC SOLVENT			
10-30	64742-47-8 100 ppm	5000 mg/kg ORAL-RAT	NOT AVAILABLE
ISOBUTANE			
15-40	75-28-5	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
DIFLUOROETHANE (F152A)			

15-40 75-37-6
1000 ppm

NOT APPLICABLE

977 g/m3 (2 hr)
INHAL - RAT

SECTION 03: PHYSICAL DATA

PHYSICAL STATE.....AEROSOL.
BOILING POINT (DEG C) (CONC).....240-263.
VAPOUR PRESSURE (PSIG) -AEROSOL.....60 - 70.
@ 20 C
VAPOUR DENSITY (AIR=1).....GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER.....NEGLIGIBLE.
APPEARANCE.....CLEAR TO SLIGHTLY HAZY LIQUID.
ODOR.....PYRETHRIN.
ODOR THRESHOLD.....NOT AVAILABLE.
SPECIFIC GRAVITY (AEROSOL).....0.74-0.78.
SPECIFIC GRAVITY (LIQUID).....0.81-0.85.
AEROSOL PERCENT VOC (W/W).....35.
AEROSOL PERCENT VOLATILE.....NOT AVAILABLE.
(BY WEIGHT)
EVAPORATION RATE.....LESS THAN 1.
n-BUTYL ACETATE = 1
pH.....NOT APPLICABLE.
FREEZING POINT: (C).....NOT AVAILABLE.
COEFFICIENT OF WATER\OIL.....NOT AVAILABLE.
DIST.

SECTION 04: FIRE & EXPLOSION DATA

AEROSOL FLAME PROJECTION
CLASSIFIED AS:.....15-45cm in Dispenser, >45cm handheld.
FLASHBACK.....NONE.
FLAMMABILITY.....EXTREMELY FLAMMABLE.
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.....>14.
(CONCENTRA TE)
AUTO IGNITION TEMPERATURE (C).....218.
LOWER FLAMMABLE LIMIT.....0.5.
(% BY VOLUME)
UPPER FLAMMABLE LIMIT.....16.9.
(% 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.

HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR.

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.....VAPORS MAY IRRITATE.
INHALATION.....INHALATION OF SOLVENTS MAY CAUSE
IRRITATION. PROPELLANT IS A SIMPLE
ASPHYXIAN.
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.....SLIGHT.
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.....NOT NORMALLY REQUIRED.
RESPIRATORY/TYPE.....NOT NORMALLY REQUIRED.
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

SARA TITLE III - SECTION 313.....THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.(PIPERONYL BUTOXIDE - C.A.S.# 51-03-6: 1.950 % W/W).

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