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PCP 28161

Material Safety Data Shee Monday, January 02, 2006

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BANISH aerosol-domestic

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBER

In case of medical environmental or transportation emergencies or

inquiries. call 1-800-471-0660 (24 hours day).

CANUTEC EMERGENCY #:1-613-996-6666 (24HR)

PRODUCT NAME..... same as above

FORMULATION #.....BANISH

CHEMICAL FAMILY.....D-TRANS ALLETHRIN/PIPERONYL BUTOXIDE.

TRADE NAMES & SYNONYMS.....SAME AS PRODUCT NAME.

PRODUCT USES.....INSECTICIDE.

CHEMICAL FORMULA.....NOT APPLICASBLE.

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.....1 SLIGHT HAZARD.

SECTION 02: HAZARDOUS INGREDIENTS

	%	CAS / TLV	LD/50,	ROUTE,	SPECIES	LC/50,	ROUTE,	SPECIES
D-TRANS ALLETHRIN	0.200	28434-00-6	709-1042 mg/kg	>2000 mg/m3 (24 H)	N/A	ORAL - RAT		
PIPERONYL BUTOXIDE	1.000	51-03-6	7.5-10.0 g/kg	N/A	ORAL-RAT			
ISOPROPANOL	7-13	67-63-0	>4720 mg/kg	12000 ppm (8hr)	400 ppm	ORAL- RAT	INHAL	RAT
DIPROPYLENE GLYCOL	3-7	25265-71-8	14,800 mg/kg	N/A	ORAL - RAT			
DIMETHYL ETHER	15-40	115-10-6	N/A	164000 ppm (4h)	1000 ppm	RAT - INHAL		

SECTION 03: PHYSICAL DATA

PHYSICAL STATE.....AEROSOL.

BOILING POINT (DEG C)(CONC).....83-232.

VAPOUR PRESSURE(PSIG)-AEROSOL.....45 - 55. @ 20 C

VAPOUR DENSITY (AIR=1).....GREATER THAN 1. (BY WEIGHT)

SOLUBILITY IN WATER.....NOT AVAILABLE.

APPEARANCE.....YELLOW EMULSION.

ODOR.....INSECTICIDE.

ODOR THRESHOLD.....NOT AVAILABLE.

SPECIFIC GRAVITY (LIQUID).....0.95-0.99.

SPECIFIC GRAVITY (AEROSOL).....0.83-0.87.

AEROSOL PERCENT VOC (W/W).....42-43.

AEROSOL PERCENT VOLATILE.....98-99. (BY WEIGHT)

EVAPORATION RATE.....GREATER THAN 1

n-BUTYL ACETATE = 1 pH.....8-9.

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.....NON-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.....14-121.CUP
 AUTO IGNITION TEMPERATURE (C).....399.
 LOWER FLAMMABLE LIMIT.....2.0 (% BY VOLUME)
 UPPER FLAMMABLE LIMIT.....18.0. (% 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.....VAPOUR MAY IRRITATE.
 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.....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

THE INFORMATION ON THIS MATERIAL SAFETY

NOTICE FROM **ZEP & OR GLX -BUGCON** DATA SHEET IS PROVIDED BY **ZEP & OR GLX -BUGCON** FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK.

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DATED.....Monday, January 02, 2006

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