



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs to assist our customers in their compliance efforts. The attached document is in compliance with one of the respective country regulatory requirements noted below:

The OSHA Hazard Communication Standard (in the United States)
The Hazardous Products Regulations (in Canada)

We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Product Stewardship Team
Zep Inc.

ACUITY - dba AMREP
125 BUTTERMILL AVENUE,
CONCORD, ONTARIO
L4K 3X5 CANADA
1-800-267-1578

PRODUCT: B58701 BVT KONK 418/418D INSECT KILLER 1.8%(PCP#17592/24196)

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER MANUFACTURED FOR:
Acuity... dba Amrep
125 Buttermill Avenue
Concord, Ontario
L4K 3X5 Canada

PRODUCT NAME..... B58701 BVT KONK 418/418D INSECT KILLER 1.8%(PCP#17592/24196)
CHEMICAL FAMILY..... PYRETHRINS/PIPERONYL BUTOXIDE.
MOLECULAR WEIGHT..... NOT APPLICABLE.
CHEMICAL FORMULA..... MIXTURE.
TRADE NAMES & SYNONYMS
RECOMMENDED PRODUCT USES..... INSECTICIDE.
PRODUCT CODE(S)
FORMULA/LAB BOOK #..... 99-4100AGB/CC 005-033.
CHEM-TEL EMERGENCY # NORTH AMERICA 1-800-255-3924 (24 HR). INTERNATIONAL 1-813-248-0585 (24 HR)
(MIS 0000403).

SECTION 02: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION..... NOT ASSESSED.
SIGNAL WORD..... NOT ASSESSED.
HAZARD STATEMENTS NOT ASSESSED.
PRECAUTIONARY STATEMENTS..... NOT ASSESSED.
OTHER HAZARDS..... NOT ASSESSED.

SECTION 03: COMPOSITION/INFORMATION INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
ISOBUTANE	75-28-5	40-70
ODOURLESS MINERAL SPIRITS	64742-48-9	7-13
PIPERONYL BUTOXIDE	51-03-6	5.0
PROPANE	74-98-6	7-13
PYRETHRINS	8003-34-7	1.80

SECTION 04: 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 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... EXTREMELY FLAMMABLE.
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
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 APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

EXPLOSION DATA
SENSITIVITY TO STATIC DISCHARGE. NOT APPLICABLE.
SENSITIVITY TO IMPACT..... NOT APPLICABLE.
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

AEROSOL FLAME PROJECTION
CLASSIFIED AS:..... >15cm BUT <100cm.
FLASHBACK..... NONE.

PRODUCT: B58701 BVT KONK 418/418D INSECT KILLER 1.8%(PCP#17592/24196)**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

SECTION 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
 ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
 HANDLING PROCEDURES AND STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
 EQUIPMENT
 SYNERGISTIC MATERIALS..... NONE KNOWN.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
ISOBUTANE	NOT AVAILABLE					
ODOURLESS MINERAL SPIRITS	100 ppm					
PIPERONYL BUTOXIDE	NOT AVAILABLE					
PROPANE	1000 ppm					
PYRETHRINS	5 mg/m3					
GLOVES/ TYPE.....						NOT NORMALLY REQUIRED.
RESPIRATORY/TYPE.....						NOT NORMALLY REQUIRED.
EYE/TYPE.....						SAFETY GLASSES.
FOOTWEAR/TYPE.....						NOT NORMALLY REQUIRED.
OTHER/TYPE.....						NOT REQUIRED.
EXPOSURE LIMIT OF MATERIAL.....						SEE SECTION 2.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
 APPEARANCE..... CLEAR AMBER LIQUID.
 ODOR..... INSECTICIDE.
 ODOR THRESHOLD..... NOT AVAILABLE.
 pH..... NOT APPLICABLE.
 FREEZING POINT: (°C)..... NOT AVAILABLE.
 BOILING POINT (°C)(CONC)..... 150-210.
 FLASH POINT(°C),TAG CLOSED-CUP 54.
 (CONCENTRATE)
 EVAPORATION RATE..... LESS THAN 1.
 n-BUTYL ACETATE = 1
 UPPER FLAMMABLE LIMIT..... 9.5.
 (% BY VOLUME)
 LOWER FLAMMABLE LIMIT..... 1.0.
 (% BY VOLUME)
 VAPOUR PRESSURE(PSIG)-AEROSOL..... 50-60.
 @ 20 C
 VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
 SPECIFIC GRAVITY (AEROSOL)..... 0.59-0.63.
 SPECIFIC GRAVITY (LIQUID)..... 0.86-0.90.
 SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.
 COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
 AUTO IGNITION TEMPERATURE (°C)..... 349.
 AEROSOL PERCENT VOLATILE..... 90-100.
 (BY WEIGHT).

SECTION 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
 CHEMICAL STABILITY:
 YES..... UNDER NORMAL CONDITIONS.
 NO, WHICH CONDITIONS?..... NOT APPLICABLE.

PRODUCT: B58701 BVT KONK 418/418D INSECT KILLER 1.8%(PCP#17592/24196)**SECTION 10: STABILITY AND REACTIVITY**COMPATIBILITY WITH OTHER
SUBSTANCES:

NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
 REACTIVITY CONDITIONS?..... NOT APPLICABLE.
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
ISOBUTANE	142,500 ppm (4h) RAT - INHAL	NOT AVAILABLE
ODOURLESS MINERAL SPIRITS	5,500mg/m3(4h)	5000 mg/kg ORAL - RAT
PIPERONYL BUTOXIDE	>5.9 mg/l	4.6 g/kg ORAL-RAT
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
PYRETHRINS	NOT AVAILABLE	1680 mg/kg ORAL - RAT
ROUTE OF EXPOSURE: INHALATION.....	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.	
INGESTION.....	MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.	
EYE CONTACT.....	MAY CAUSE IRRITATION.	
SKIN CONTACT.....	MAY CAUSE IRRITATION.	
SKIN ABSORPTION.....	NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.	
EFFECTS OF ACUTE EXPOSURE.....	DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.	
EFFECTS OF CHRONIC EXPOSURE.....	SOLVENTS MAY CAUSE DEFATTING DERMATITIS	
IRRITANCY OF MATERIAL.....	MAY CAUSE IRRITATION.	
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).	
MUTAGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.	
TERATOGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.	
REPRODUCTIVE EFFECTS.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.	
SENSITIZING CAPABILITY OF MATERIAL.	UNKNOWN.	

SECTION 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... THIS PRODUCT IS POTENTIALLY TOXIC TO FISH, BIRDS AND OTHER WILDLIFE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1).
 D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

SECTION 15: REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS1988 CLASSIFICATION..... NOT REGULATED BY WHMIS.
 CNFC SECTION 3.3.5..... LEVEL 3.
 CEPA (Canadian Environmental Protection ... Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.

