



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: B58301 BVT KONK 409 INSECT SPRAY 0.975%(PCP#20463)**

### SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME..... B58301 BVT KONK 409 INSECT SPRAY 0.975%(PCP#20463)  
CHEMICAL FAMILY..... PYRETHRINS/PIPERONYL BUTOXIDE/MGK 264.  
MOLECULAR WEIGHT..... NOT APPLICABLE.  
CHEMICAL FORMULA..... MIXTURE.  
TRADE NAMES & SYNONYMS  
RECOMMENDED PRODUCT USES..... INSECTICIDE.  
FORMULA/LAB BOOK #..... 99-4099/CC 005-034.  
CHEM-TEL EMERGENCY # ..... NORTH AMERICA 1-800-255-3924 (24 HR). INTERNATIONAL 1-813-248-0585 (24 HR)  
(MIS 0000403).

PCP # (MASTER)

### SECTION 02: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION..... CAUTION.  
SIGNAL WORD..... CAUTION.  
HAZARD STATEMENTS ..... H280 CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.  
PRECAUTIONARY STATEMENTS..... P102 KEEP OUT OF REACH OF CHILDREN. P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. – NO SMOKING. P251 PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE. P103 READ LABEL BEFORE USE.

OTHER HAZARDS..... No additional information available.

### SECTION 03: COMPOSITION/INFORMATION INGREDIENTS

| HAZARDOUS INGREDIENTS                | CAS #      | WT. % |
|--------------------------------------|------------|-------|
| ISOBUTANE                            | 75-28-5    | 40-70 |
| N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE | 113-48-4   | 3.210 |
| ODOURLESS MINERAL SPIRITS            | 64742-48-9 | 7-13  |
| PIPERONYL BUTOXIDE                   | 51-03-6    | 1.950 |
| PROPANE                              | 74-98-6    | 7-15  |
| PYRETHRINS                           | 8003-34-7  | 0.974 |

### 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.

**PRODUCT: B58301 BVT KONK 409 INSECT SPRAY 0.975%(PCP#20463)****SECTION 05: FIRE FIGHTING MEASURES**

FLASHBACK..... NONE.

**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 EQUIPMENT ..... STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.  
 SYNERGISTIC MATERIALS..... NONE KNOWN.

**SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| INGREDIENTS                          | ACGIH TLV              |      | OSHA PEL |      | REL | NIOSH |
|--------------------------------------|------------------------|------|----------|------|-----|-------|
|                                      | TWA                    | STEL | PEL      | STEL |     |       |
| ISOBUTANE                            | NOT AVAILABLE          |      |          |      |     |       |
| N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE | 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)..... 0.56-0.60.  
 SPECIFIC GRAVITY (LIQUID)..... 0.82-0.86.  
 SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.  
 COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.  
 AUTO IGNITION TEMPERATURE (°C)..... 349.  
 AEROSOL PERCENT VOLATILE..... 92-93.  
 (BY WEIGHT).  
 AEROSOL PERCENT VOC (w/w)..... 92-93.

**PRODUCT: B58301 BVT KONK 409 INSECT SPRAY 0.975%(PCP#20463)****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.

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              |
| N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE  | 4080 mg/L INHAL - RAT  | 4980 mg/kg ORAL - RAT      |
| 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:<br>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.

