



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.

SECTION 05: FIRE FIGHTING MEASURES

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.

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

STORAGE NEEDS.....	KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS.....	VENTILATE ADEQUATELY.
HANDLING PROCEDURES AND EQUIPMENT	STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS.....	NONE KNOWN.

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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ETHANOL (Ethyl Alcohol)	1000 ppm
FRAGRANCE	N/A
ISOBUTANE	NOT AVAILABLE
ISOPROPANOL	400 ppm
PROPANE	1000 ppm

GLOVES/ TYPE.....	NOT NORMALLY REQUIRED.
RESPIRATORY/TYPE.....	NOT NORMALLY REQUIRED.
EYE/TYPE.....	NOT NORMALLY REQUIRED. SAFETY GLASSES RECOMMENDED BUT NOT REQUIRED UNDER NORMAL USE CONDITIONS.
FOOTWEAR/TYPE.....	NOT NORMALLY REQUIRED.
OTHER/TYPE.....	NOT REQUIRED.
EXPOSURE LIMIT OF MATERIAL.....	SEE SECTION 2.

PHYSICAL STATE.....	AEROSOL.
APPEARANCE.....	CLEAR AMBER LIQUID.
ODOR.....	FRAGRANT.
ODOR THRESHOLD.....	NOT AVAILABLE.
pH.....	NOT AVAILABLE.
FREEZING POINT: (°C).....	NOT AVAILABLE.
BOILING POINT (°C)(CONC).....	76-80.
FLASH POINT(°C),TAG CLOSED-CUP (CONCENTRATE)	LOWEST KNOWN VALUE IS ISOPROPANOL @ 12 DEG. C .
EVAPORATION RATE.....	GREATER THAN 1.
n-BUTYL ACETATE = 1	
UPPER FLAMMABLE LIMIT.....	19.
(% BY VOLUME)	
LOWER FLAMMABLE LIMIT.....	1.8.
(% BY VOLUME)	
VAPOUR PRESSURE(PSIG)-AEROSOL..... @ 20 C	50 - 60.
VAPOUR DENSITY (AIR=1).....	GREATER THAN 1.
SPECIFIC GRAVITY (AEROSOL).....	0.56-0.60.
SPECIFIC GRAVITY (LIQUID).....	0.89-0.93.
SOLUBILITY IN WATER g/L (20°C).....	NOT AVAILABLE.
COEFFICIENT OF WATER/OIL DIST.....	NOT AVAILABLE.

PRODUCT: KONK BVT AIR FRESHENERS - ALL FRAGRANCES (100%)**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

AUTO IGNITION TEMPERATURE (°C)..... LOWEST KNOWN VALUE IS 422 (ETHANOL).
 AEROSOL PERCENT VOLATILE..... 99-100.
 (BY WEIGHT).
 AEROSOL PERCENT VOC (w/w)..... 99-100.

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
ETHANOL (Ethyl Alcohol)	31,623 ppm (4 hr) INHAL - RAT	7060 mg/kg ORAL - RAT
FRAGRANCE	NOT AVAILABLE	NOT AVAILABLE
ISOBUTANE	142,500 ppm (4h) RAT - INHAL	NOT AVAILABLE
ISOPROPANOL	12000 ppm (8hr) INHAL - RAT	>4720 mg/kg ORAL - RAT
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
ROUTE OF EXPOSURE: INHALATION.....	PROPELLANT IS A SIMPLE ASPHYXIAANT. EXCESSIVE INHALATION OF ETHANOL VAPOURS CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. MISTS MAY BE IRRITATING.	
INGESTION.....	MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.	
EYE CONTACT.....	MAY CAUSE IRRITATION.	
SKIN CONTACT.....	MAY CAUSE IRRITATION.	
SKIN ABSORPTION.....	ETHANOL CAN BE ABSORBED IN TOXIC AMOUNTS, ESPECIALLY FROM PROLONGED OR REPEATED EXPOSURE.	
EFFECTS OF ACUTE EXPOSURE.....	ETHANOL-LONG TERM REPEATED ORAL EXPOSURE MAY RESULT IN THE DEVELOPMENT OF PROGRESSIVE LIVER INJURY WITH FIBROSIS.	
EFFECTS OF CHRONIC EXPOSURE.....	REPEATED CONTACT WITH THE SKIN MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS.	
IRRITANCY OF MATERIAL.....	SKIN/EYE IRRITANT.	
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..... NOT AVAILABLE.

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.

PRODUCT: KONK BVT AIR FRESHENERS - ALL FRAGRANCES (100%)**SECTION 14: TRANSPORTATION INFORMATION**

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1).
D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.
IMDG/IMO:
Classification..... CONSUMER COMMODITY/LIMITED QUANTITY.
Proper Shipping Name..... AEROSOLS, FLAMMABLE.
UN Class..... 2.1.
UN Number..... 1950.
Marine Pollutant..... NO.

SECTION 15: REGULATORY INFORMATION**CANADIAN REGULATIONS:**

WHMIS1988 CLASSIFICATION..... A,B5,D2B.
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..... 1 SLIGHT HAZARD.
HMIS RATING FLAMMABILITY..... 4 SEVERE HAZARD.
HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
HMIS RATING PERSONAL PROTECTION.. B.
NFPA CODE 30B..... LEVEL 3.
SARA 313 INFORMATION: THIS PRODUCT CONTAINS NO INGREDIENTS 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.
NAME: . CAS #: . CHEMICAL
CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
. CAS #: . CHEMICAL NAME:
. N/A.
TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
VOC (w/w%)..... 99-100.

SECTION 16: OTHER INFORMATION

NOTICE FROM ACUITY HOLDINGS INC... THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY ACUITY HOLDINGS INC.. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. ACUITY HOLDINGS INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.
PREPARED BY..... Regulatory Affairs
PREPARATION DATE DEC 22/2016



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Sincerely,

Product Stewardship Team
Zep Inc.

PRODUCT: B59701 BVT KONK 418D INSECT KILLER 1.8%(PCP#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 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	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: B59701 BVT KONK 418D INSECT KILLER 1.8%(PCP#24196)

SECTION 15: REGULATORY INFORMATION

HMIS RATING FLAMMABILITY.....	4 SEVERE HAZARD.
HMIS RATING REACTIVITY.....	1 SLIGHT HAZARD.
HMIS RATING PERSONAL PROTECTION..	B.
NFPA CODE 30B.....	LEVEL 3.
SARA 313 INFORMATION:.....	THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:
	. CAS #: CHEMICAL NAME:
	. *51-03-6 PIPERONYL BUTOXIDE.
CALIFORNIA PROPOSITION 65:.....	THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
	. WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
	. CAS #: CHEMICAL NAME:
	. N/A.
TSCA (Toxic Substances Control Act).....	ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
VOC (w/w%).....	>85.

SECTION 16: OTHER INFORMATION

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PREPARED BY..... Regulatory Affairs
PREPARATION DATE DEC 22/2016