

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

PRODUCT: KONK BVT AIR FRESHENERS - ALL FRAGRANCES (100%)**SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

PRODUCT NAME..... KONK BVT AIR FRESHENERS - ALL FRAGRANCES (100%)
CHEMICAL FAMILY..... ALCOHOL.
MOLECULAR WEIGHT..... NOT APPLICABLE.
CHEMICAL FORMULA..... NOT APPLICABLE.
TRADE NAMES & SYNONYMS
RECOMMENDED PRODUCT USES..... DEODORIZER.
PRODUCT CODE(S) B52801, B53801, B54001, B54401, B54701, B54901, B55101, B55201, B55501, B55701,
B56201, B56401, B56701.

FORMULA/LAB BOOK #
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. %
ETHANOL (Ethyl Alcohol)	64-17-5	3-15
FRAGRANCE	PROPRIETARY	1-5
ISOBUTANE	75-28-5	60-100
ISOPROPANOL	67-63-0	0-5
PROPANE	74-98-6	10-30

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.

PRODUCT: KONK BVT AIR FRESHENERS - ALL FRAGRANCES (100%)**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.

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.
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SECTION 07: HANDLING AND STORAGE

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.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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 (% BY VOLUME).....	19.
LOWER FLAMMABLE LIMIT (% BY VOLUME).....	1.8.
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 ASPHYXIANT. 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