

ACUITY HOLDINGS INC. dba AMREP

MONTREAL, QC; H3B 0A2 CANADA

Sales Info: North American 1-800-267-1578, International 1-905-669-9876 Emergencies: See
CHEM-TEL EMERGENCY # in Section 01

B58601 **340411CN --KONK TRAVEL SIZE INSECT REPELLENT**

MATERIAL SAFETY DATA SHEET

~~X~~ AEROSOL LIQUID

SECTION I: PRODUCTION INFORMATION

MANUFACTURED FOR: ACUITY HOLDINGS INC. dba AMREP
1000 de la Gauchetiere St. West, Suite 2500, Montreal QC H3B 0A2
CANADA

CHEM-TEL EMERGENCY #NORTH AMERICA 1-800-255-3924 (24 HR).
ACCT#MIS0000403 INTERNATIONAL 1-813-248-0585 (24 HR).

TRADE NAME : 340411CN KONK TRAVEL SIZE INSECT REPELLENT
CHEMICAL NAME : Mixture
PRODUCT USE : Insect Repellent
FORMULA NUMBER : 012-001
UN 1950
WHMIS CLASSIFICATION : A,D-2B,B-5 Flammable Aerosol

SECTION II : HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PIN</u> (UN)	<u>% WEIGHT</u>	<u>EXPOSURE LIMITS</u> TLV,LD50,LC50
Isopropyl alcohol	000067630	(1219)	45-55	TLV 500 ppm Rat,oralLD50: 5045mg/Kg Derm,Rbt LD50 : 1280mg/Kg Inh.Rat LC50:22627ppm 4 Hr
DEET Derm.LD50:4280mg/kg	000134-62-3		20-30	Acute Rab. Acute Oral LD50:2170 to 3664mg/kg (rat) Acute Inhal.LC50: 5.95mg/kg (rat) for 4 hr
PROPELLANT(S):				
Propane	74-98-6	(1075)	1-5	
Isobutane	75-28-5	(1075)	10-20	TLV 1000 ppm

SECTION III : PHYSICAL DATA

THE FOLLOWING PHYSICAL DATA ARE APPROXIMATE ONLY AND DO NOT REPRESENT SPECIFICATION VALUES.THEY SHOULD ONLY BE USED IN THE CONTEXT OF THIS MATERIAL SAFETY DATA SHEET

PHYSICAL STATE	: Mixture of Liquid and propellant
BOILING POINT (°C)	: N/A
VAPOUR PRESSURE (psig at 21 °C)	: 40-50 psig
VAPOUR DENSITY (AIR=1)	: > 1
SOLUBILITY IN WATER(%by Wt)	: 80%
APPEARANCE AND ODOUR	: Clear liquid
SPECIFIC GRAVITY (WATER=1)	: .700
%VOLATILE BY VOLUME	: 80%
EVAPORATION RATE(n-BUTYL ACETATE=1)	: < 1
pH	: 7-8
FREEZING POINT	: N/A

SECTION IV : FIRE AND EXPLOSION HAZARDS

FLASH POINT : < -73°C METHOD USED TAG CLOSED CUP
Propellant only ESTIMATED
FLAMMABLE LIMITS IN AIR(% BY VOLUME)
LOWER : 1.8-2.2
UPPER : 8.4-9.5
AUTO IGNITION TEMPERATURE : N/A °C
EXTINGUISHING MEDIA DRY CHEMICAL,CO2,FOAM
 OTHER

SPECIAL FIRE FIGHTING PROCEDURES :

WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS
TO PREVENT PRESSURE BUILD UP IF EXPOSED TO EXTREME TEMPERATURES.
 OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS :

CONTAINERS MAY EXPLODE IF EXPOSED TO TEMPERATURES > 50 °C.
 SENSITIVE TO SHOCK
 SENSITIVE TO STATIC DISCHARGE

FLAMMABILITY OF AN AEROSOL IS DETERMINED BY FLAME PROJECTION.THE FLAME PROJECTION OF THIS PRODUCT IS CLASSIFIED AS:

ZERO cm (NON-FLAMMABLE)
 0 - 15 cm (CAUTION)
 15- 45 cm (WARNING)
 OVER 45 cm (DANGER)

HAZARDOUS COMBUSTION PRODUCTS :

POSSIBLE PHOSGENE OVER 500 °C
 HYDROCARBON FUMES AND SMOKE,CO WHERE COMBUSTION IS INCOMPLETE.
 OTHER

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PERSONAL PROTECTIVE EQUIPMENT TO BE USED

PROTECTIVE GLOVES : REQUIRED
 NOT NORMALLY REQUIRED
EYE PROTECTION : REQUIRED
 NOT NORMALLY REQUIRED
OTHER PROTECTIVE : REQUIRED
EQUIPMENT NOT NORMALLY REQUIRED
VENTILLATION : LOCAL
 MECHANICAL IF USED INDOORS ON A CONTINUOUS
BASIS

SPILL OR LEAK PROCEDURE

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL
AND FEDERAL REGULATIONS STEP TO BE TAKEN IN CASE
MATERIAL IS RELEASED OR SPILLED.
REMOVE ALL SOURCE OF IGNITION ,USE INERT
ABSORBENT MATERIAL ,AND NON-SPARKING TO AVOID
BREATHING FUMES.
VENTILATE AREA. PREVENT FROM ENTERING A WATER
COURSE.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN A COOL, WELL-VENTILLATED AREA NOT TO EXCEED 50 °C

OTHER PRECAUTIONS : DO NOT PUNCTURE OR INCINERATE CONTAINERS EVEN WHEN
EMPTY.

SECTION VIII : FIRST AID MEASURES

REMOVE PATIENT TO FRESH AIR., FLUSH EXPOSED SKIN AND EYES WITH COPIOUS
AMOUNTS OF WATER. IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN
IMMEDIATELY.

SECTION IX : PREPARATION INFORMATION

PRPARED BY :
DATE OF PREPARATION : Jan. 9, 2014

THE INFORMATION CONTAINED IN THIS FORM IS BASED ON DATA FROM SOURCES
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