

MATERIAL SAFETY DATA SHEET : 00000585

AIR GUARD CONTROL (CANADA) LTD.
 CONCORD, ON; L4K 3X5 CANADA Web Page: www.airguardcontrol.com
 Sales Info: North American 1-800-267-1578, International 1-905-669-9876
 Emergencies: See CHEM-TEL EMERGENCY # in Section 01

Product: 310501CN KONK DISINFECTANT(440G)

SECTION 01: MANUFACTURER INFORMATION

MANUFACTURED FOR:.....AIR GUARD CONTROL (CANADA) LTD.
 CONCORD, ON
 CANADA

CHEM-TEL EMERGENCY #NORTH AMERICA 1-800-255-3924 (24 HR).
 INTERNATIONAL 1-813-248-0573 (24 HR).

PRODUCT NAME.....310501CN KONK DISINFECTANT(440G)
 LAB BOOK NUMBER.....027-1-150.
 CHEMICAL FAMILY.....ALCOHOL.
 TRADE NAMES & SYNONYMS.....SAME AS PRODUCT NAME.
 PRODUCT USES.....DISINFECTANT.
 CHEMICAL FORMULA.....NOT APPLICABLE.
 MOLECULAR WEIGHT.....NOT APPLICABLE.
 T.D.G. CLASSIFICATION.....CONSUMER COMMODITY.
 WHMIS CLASSIFICATION.....NOT APPLICABLE.
 CNFC SECTION 3.3.5.....LEVEL 2.
 NFPA CODE 30B.....LEVEL 2.
 HMIS RATING FLAMMABILITY.....4 SEVERE HAZARD.
 HMIS RATING HEALTH.....2 MODERATE HAZARD.
 HMIS RATING REACTIVITY.....0 MINIMAL HAZARD.

SECTION 02: HAZARDOUS INGREDIENTS

%	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
O-PHENYL PHENOL			
0.250	90-43-7	2700 MG/KG	NOT AVAILABLE
	NONE	ORAL - RAT	
N-ALKYL(C12-C18)-N,N DIMETHYL N-BENZYL AMMONIUM CHLORIDE			
0.330	68424-85-1	894 MG/KG	NOT AVAILABLE
	NON ESTABLISHED	ORAL - RAT	
ETHANOL			
30-60	64-17-5	7060 mg/kg	31,623 ppm (4 hr)
	1000 ppm	ORAL - RAT	INHAL - RAT
ISOBUTANE			
10-30	75-28-5	NOT APPLICABLE	520,000ppm (2 hr)
			INHAL - MOUSE

SECTION 03: PHYSICAL DATA

PHYSICAL STATE.....AEROSOL.
 BOILING POINT (DEG C) (CONC).....78-100.
 VAPOUR PRESSURE (PSIG)-AEROSOL.....35 - 45.

@ 20 C

VAPOUR DENSITY (AIR=1).....GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER.....SOLUBLE.
APPEARANCE.....CLEAR.
ODOR.....FRAGRANT.
ODOR THRESHOLD.....NOT AVAILABLE.
SPECIFIC GRAVITY (LIQUID).....0.87-0.91.
SPECIFIC GRAVITY (AEROSOL).....0.76-0.80.
AEROSOL PERCENT VOC (W/W).....67-68.
AEROSOL PERCENT VOLATILE.....99-100.
(BY WEIGHT)
EVAPORATION RATE.....GREATER THAN 1.
n-BUTYL ACETATE = 1
pH.....9.5-10.6.
FREEZING POINT: (C).....NOT AVAILABLE.
COEFFICIENT OF WATER\OIL.....NOT AVAILABLE.
DIST.

SECTION 04: FIRE & EXPLOSION DATA

AEROSOL FLAME PROJECTION

CLASSIFIED AS:.....> 45 CM.
FLASHBACK.....YES.
FLAMMABILITY.....EXTREMELY FLAMMABLE.
IF YES, UNDER WHICH.....EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
CONDITIONS ?
EXTINGUISHING MEDIA.....CARBON DIOXIDE, DRY CHEMICAL, FOAM.
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 APPARTATUS SHOULD BE
WORN IN A FIRE INVOLVING THIS MATERIAL.
FLASH POINT (C), TAG CLOSED.....13.
CUP
AUTO IGNITION TEMPERATURE (C).....423.
LOWER FLAMMABLE LIMIT.....1.9.
(% BY VOLUME)
UPPER FLAMMABLE LIMIT.....19.
(% BY VOLUME)
HAZARDOUS COMBUSTION
PRODUCTS.....HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

EXPLOSION DATA

SENSITIVITY TO STATIC.....NOT APPLICABLE.
DISCHARGE
SENSITIVITY TO IMPACT.....NOT APPLICABLE.

SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY:

YES.....UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....NOT APPLICABLE.
COMPATABILITY WITH OTHER
SUBSTANCES :
NO, WHICH ONES?.....STRONG OXIDIZING AGENTS.
HAZARDOUS PRODUCTS OF
DECOMPOSITION.....HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR.

REACTIVITY CONDITIONS?.....NOT APPLICABLE.

SECTION 06: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT.....MAY CAUSE IRRITATION.
SKIN ABSORPTION.....NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.
EYE CONTACT.....MAY CAUSE IRRITATION.
INHALATION.....INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.
INGESTION.....MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.
EFFECTS OF ACUTE EXPOSURE.....DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.
EFFECTS OF CHRONIC EXPOSURE.....SOLVENTS MAY CAUSE DEFATTING DERMATITIS.
EXPOSURE LIMIT OF MATERIAL.....SEE SECTION II.
IRRITANCY OF MATERIAL.....SKIN/EYE IRRITANT.
SENSITIZING CAPABILITY OF.....UNKNOWN.

MATERIAL

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).
REPRODUCTIVE EFFECTS.....NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.
TERATOGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.
SYNERGISTIC MATERIALS.....NONE KNOWN.

SECTION 07: PREVENTIVE MEASURES

GLOVES/ TYPE.....WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE.....IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
EYE/TYPE.....SAFETY GLASSES.
FOOTWEAR/TYPE.....NOT NORMALLY REQUIRED.
OTHER/TYPE.....NOT REQUIRED.
ENGINEERING CONTROLS.....VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
LEAK/SPILL.....REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. AVOID BREATHING FUMES. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.
HANDLING PROCEDURES AND EQUIPMENT.....STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
WASTE DISPOSAL.....DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY.DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL

REGULATIONS.
STORAGE NEEDS.....KEEP AWAY FROM HEAT, SPARKS, AND OPEN
FLAMES.
SPECIAL SHIPPING INSTRUCTIONS.....SEE SECTION 1.....TDG CLASSIFICATION.

SECTION 08: 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 09: ADDITIONAL INFORMATION

NOTICE FROM K-G PACKAGING
INC.....THE INFORMATION ON THIS MATERIAL SAFETY
DATA SHEET IS PROVIDED BY CCL INDUSTRIES
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THE SPECIFIC MATERIAL DESIGNATED HEREIN
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DATED.....Feb. 15/08