MATERIAL SAFETY DATA SHEET

BRENTDALE CHEMICALS
4 BLAIR DRIVE
BRAMPTON, ONTARIO
L6T 2H5
TEL# (905) 456-9444

EMERGENCY # CANUTEC (613) 996-6666
"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION: D2B

MATERIAL REFERENCE NO: 432800

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: LEMON ODOUR GERMICIDAL CLEANER	
CHEMICAL NAME: MIXTURE	CHEMICAL FAMILY: GERMICIDAL CLEANERS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: GERMICIDAL CLEANER, DEODORANT.	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
n-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	1.0-5.0	NO DATA AVAILABLE	68424-85-1	426 MG/KG
ALKYL PHENOL ETHOXYLATE	1.0-5.0	NO DATA AVAILABLE	9016-45-9	2500 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR, YELLOW FLUORESCENT LIQUID, LEMON ODOUR.		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	1.010	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
NOT AVAILABLE	SAME AS WATER	(20øC) COMPLETE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)
(INITIAL) >77	0 (EST.)	93.3
pH (100% SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
10.5	NOT APPLICABLE	NOT AVAILABLE

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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: NON-FLAMMABLE IF YES, UNDER WHICH CONDITIONS:
MEANS OF EXTINCTION: AS APPROPRIATE FOR SURROUNDING MATERIALS.
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. PRODUCTS OF COMBUSTION ARE TOXIC.
FLASH POINT (C) AND METHOD: MINIMUM 100 (TCC)
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, TOXIC FUMES.

UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP(C)
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

EXPLOSION DATA SENSITIVITY	RATE OF BURNING	EXPLOSIVE POWER

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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT MAY CAUSE EYE IRRITATION.
SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION.
INHALATION-EXCESSIVE BREATHING OF MIST MAY CAUSE RESPIRATORY IRRITATION.
INGESTION-MAY CAUSE IRRITATION OF MOUTH, THROAT AND GASTROINTESTINAL TRACT. SWALLOWING LARGE QUANTITIES MAY CAUSE BURNING PAIN IN MOUTH THROAT, ABDOMEN, SEVERE SWELLING OF THE LARNYX, SKELETAL MUSCLE AFFECTING THE ABILITY TO BREATH.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
NO DATA AVAILABLE.

LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	EYE AND SKIN IRRITANT.

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NOT AVAILABLE	NOT AVAILABLE

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
NONE KNOWN.

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER, VINYL, PVA AS REQUIRED.
RESPIRATORY: NONE REQUIRED IF GOOD VENTILATION MAINTAINED.
EYE: SAFETY GOGGLES.
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: NO SPECIAL REQUIREMENTS
OTHER: EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL VENTILATION OF CONFINED AREAS FOR CONTINUAL USE.

LEAK AND SPILL PROCEDURE: REMOVE IGNITION SOURCES. DIKE AND CONTAIN SPILL WITH INERT MATERIAL AND TRANSFER TO CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP SPILLS OUT OF SEWERS AND OPEN WATER BODIES. FLUSH REMAINING MATERIAL WITH VOLUMES OF WATER.

WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF PAIN OR IRRITATION PERSIST GET MEDICAL ASSISTANCE.
SKIN-REMOVE CONTAMINATED CLOTHING AND THOROUGHLY WASH CONTAMINATED AREA WITH SOAP AND WATER. IF PAIN OR IRRITATION PERSIST, GET MEDICAL ASSISTANCE. LAUNDER CLOTHING BEFORE REUSE.
INHALATION-MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.
INGESTION-IF SWALLOWED-DO NOT INDUCE VOMITING. PROMPTLY DRINK LARGE QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION OR WATER. NEVER GIVE FLUIDS TO AN UNCONSCIOUS OR CONVULSING PERSON. GET IMMEDIATE MEDICAL ATTENTION.

SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP
NOT REGULATED			

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, AREA, IN ORIGINAL CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
1	0	2

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVIEWED: OCTOBER 4, 2009

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