MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **FOAMING ANTIBACTERIAL HAND CLEANER**
PRODUCT USE: ANTIBACTERIAL HAND CLEANER

MANUFACTURED BY:
KUTOL PRODUCTS COMPANY
7650 CAMARGO ROAD
CINCINNATI, OH 45243

24 HR. EMERGENCY TELEPHONE NUMBER: 800-424-9300
TELEPHONE NUMBER FOR INFORMATION: 513-527-5500

DATE PREPARED: 1/15/03

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)

THIS COMPOUND OR ANY OF ITS INGREDIENTS ARE NOT LISTED BY OSHA, NTP OR IARC AS A CARCINOGEN OR POTENTIAL CARCINOGEN, NOR DO THEY HAVE ESTABLISHED OSHA PELS OR ACGIH TLVS.

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: *210-212°F*
VAPOR PRESSURE (mm Hg): *N/A*
VAPOR DENSITY (AIR = 1): *N/A*
SOLUBILITY IN WATER: *COMPLETE*

SPECIFIC GRAVITY (H_20 = 1): 1.01
MELTING POINT: *N/A*
EVAPORATION RATE (BUTYL ACETATE = 1):*<1*
APPEARANCE AND ODOR: *CLEAR GOLDEN AMBER, SPICY FLORAL FRAGRANCE*

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): *N/A*
LEL: *N/A*
EXTINGUISHING MEDIA: *ANY - WILL NOT SUPPORT COMBUSTION*

FLAMMABLE LIMITS: *N/A*
UEL: *N/A*
SPECIAL FIRE FIGHTING PROCEDURES: *NONE*

UNUSUAL FIRE AND EXPLOSION HAZARDS: *NONE*

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: ☒ STABLE ☐ UNSTABLE
CONDITIONS TO AVOID: *NONE*

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: *NONE*

INCOMPATIBILITY (MATERIALS TO AVOID):*NONE*

HAZARDOUS DEPOLYMERIZATION: ☐ MAY OCCUR ☒ WILL NOT OCCUR
CONDITIONS TO AVOID: *NONE*

SECTION 6 – HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: ☐ YES ☒ NO SKIN: ☐ YES ☒ NO INGESTION: ☒ YES ☐ NO EYES: ☒ YES ☐ NO
HEALTH HAZARDS (ACUTE AND CHRONIC): *NONE*
CARCINOGENICITY: ☐ YES ☒ NO NTP: ☐ YES ☒ NO IARC MONOGRAPHS: ☐ YES ☒ NO OSHA REGULATED: ☐ YES ☒ NO

SIGNS AND SYMPTOMS OF EXPOSURE: *EYE STING, IRRITATION*
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: *NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT.*

EMERGENCY AND FIRST AID PROCEDURES:
INGESTION: *VOMITING MAY BE INDUCED. CONSULT PHYSICIAN.*
EYES:*FLUSH EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.*

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: PUMP OR *SHOVEL INTO LEAKPROOF CONTAINER*
WASTE DISPOSAL METHOD: *LANDFILL WITHIN ALL LOCAL, STATE AND FEDERAL LAWS*
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: *NORMAL SAFE HANDLING PROCEDURES*
OTHER PRECAUTIONS: *NONE*

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): *NONE*

VENTILATION: LOCAL EXHAUST: *NONE* MECHANICAL: *NONE*
SPECIAL: *NONE* OTHER: *NONE*

PROTECTIVE GLOVES: *NONE* EYE PROTECTION: *YES*
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: *NONE*
WORK/HYGENIC PRACTICES: *NORMAL CLEANLINESS*