

KTL 5619

MATERIAL SAFETY DATA SHEET**SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY**PRODUCT NAME: **Foaming Alcohol Hand Sanitizer**

PRODUCT USE: ALCOHOL-BASED HAND SANITIZER WITH MOISTURIZER

MANUFACTURED BY:
KUTOL PRODUCTS COMPANY
7650 CAMARGO ROAD
CINCINNATI, OH 4524324 HR. EMERGENCY TELEPHONE NUMBER: 800-424-9300
TELEPHONE NUMBER FOR INFORMATION: 513-527-5500

DATE PREPARED: 12/28/09

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>HAZARDOUS CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>% (OPTIONAL)</u>
				<u>RECOMMENDED</u> OSHA-TWA	
ETHYL ALCOHOL (ETHANOL)	64-17-5	1000 ppm	1000 ppm	1000 ppm	62 %

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICSBOILING POINT: 176°F
VAPOR PRESSURE (mm Hg): 40
VAPOR DENSITY (AIR = 1): >1
SOLUBILITY IN WATER: COMPLETESPECIFIC GRAVITY (H₂O = 1): .894
MELTING POINT: N/A
EVAPORATION RATE (BUTYL ACETATE = 1): >1
APPEARANCE AND ODOR: CLEAR TO PALE YELLOW
ALCOHOL ODOR**SECTION 4 – FIRE AND EXPLOSION HAZARD DATA**FLASH POINT (METHOD USED): 73°F
(TCC)

LEL: 3.3%

EXTINGUISHING MEDIA: CO₂ OR DRY CHEMICAL

FLAMMABLE LIMITS: N/A

UEL: 19%

SPECIAL FIRE FIGHTING PROCEDURES: APPROVED RESPIRATORS
SHOULD BE WORN. WATER SPRAY TO COOL EQUIPMENT.
NFPA CODE: BLUE-1, RED-3, YELLOW-0

UNUSUAL FIRE AND EXPLOSION HAZARDS:

IF HEATED, VAPOR MAY BE FLAMMABLE. CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS.

SECTION 5 – REACTIVITY DATACHEMICAL STABILITY: ☒ STABLE ☐ UNSTABLEHAZARDOUS DECOMPOSITION OF BY-PRODUCTS: CO₂ MAY BE FORMED
DURING COMBUSTION.

CONDITIONS TO AVOID: OPEN FLAMES, SPARKS, OXIDIZING AGENTS

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS

HAZARDOUS DEPOLYMERIZATION: ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

SECTION 6 – HEALTH HAZARD DATAROUTES 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: MILD EYE IRRITATION

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS
PRODUCT.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

EYES: FLUSH 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: REMOVE ALL SOURCES OF IGNITION. FLUSH WITH WATER.

WASTE DISPOSAL METHOD: LANDFILL WITHIN ALL LOCAL, STATE AND FEDERAL LAWS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID HEAT, MAY BUILD PRESSURE, VAPOR MAY BE FLAMMABLE.

OTHER PRECAUTIONS: KEEP AWAY FROM IGNITION SOURCES.

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE

VENTILATION:

LOCAL EXHAUST: NONE
SPECIAL: NONEMECHANICAL: NONE
OTHER: NONE

PROTECTIVE GLOVES: NONE EYE PROTECTION: YES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK/HYGENIC PRACTICES: NORMAL CLEANLINESS

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