

MATERIAL SAFETY DATA SHEET**SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY**

PRODUCT NAME: **EZ FOAM INSTANT HAND SANITIZER**
 PRODUCT USE: QUATERNARY BASED HAND SANITIZER

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: 6/20/05

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 RECOMMENDED</u>	<u>% (OPTIONAL)</u>
EHTYL ALCOHOL (ETHANOL)	64-17-5	1000 ppm	1000 ppm	OSHA-TWA 1000 ppm	

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >200 °F
 VAPOR PRESSURE (mm Hg): N/A
 VAPOR DENSITY (AIR = 1): >1
 SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H₂O = 1): 1.0
 MELTING POINT: N/A
 EVAPORATION RATE (BUTYL ACETATE = 1): >1
 APPEARANCE AND ODOR: CLEAR COLOR,
 ALCOHOL ODOR

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 119 °F+
 (TCC)

LEL: N/A

EXTINGUISHING MEDIA: CO₂ OR DRY CHEMICAL

FLAMMABLE LIMITS: N/A

UEL: N/A

SPECIAL FIRE FIGHTING PROCEDURES: APPROVED RESPIRATORS
 SHOULD BE WORN. WATER SPRAY TO COOL EQUIPMENT.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

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

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: STABLE UNSTABLE
 CONDITIONS TO AVOID: OPEN FLAMES, SPARKS, OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: CO₂ MAY BE FORMED
 DURING COMBUSTION.

HAZARDOUS DEPOLYMERIZATION: MAY OCCUR WILL NOT OCCUR
 CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS

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: 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: GIVE 3-4 GLASSES WATER. 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: NONE

MECHANICAL: NONE
 OTHER: NONE

PROTECTIVE GLOVES: NONE EYE PROTECTION: YES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK/HYGENIC PRACTICES: NORMAL CLEANLINESS