SAFETY DATA SHEET
INSTANT HAND SANITIZER

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INSTANT HAND SANITIZER GEL / SANTI-GEL
PRODUCT CODES: 5607, 5612, 5619, 5634, 5635, 5647, 5666, 5679, 5682, 5693, 65636, 6667
MANUFACTURER: KUTOL PRODUCTS COMPANY, INC.
ADDRESS: 100 PARTNERSHIP WAY, SHARONVILLE, OH 45241

EMERGENCY PHONE: 513-527-5500
CHEMTREC PHONE: 800-424-9300
FAX: 513-527-5506

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT

ROUTES OF ENTRY: EYES, INGESTION

POTENTIAL HEALTH EFFECTS

EYES: EYE STING, IRRITATION
SKIN: NONE EXPECTED
INGESTION: NAUSEA
INHALATION: NONE EXPECTED

ACUTE HEALTH HAZARDS: NONE EXPECTED
CHRONIC HEALTH HAZARDS: NONE EXPECTED
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE EXPECTED

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC:
OTHER:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: ETHYL ALCOHOL

CAS NO. 64-17-5 % WT % VOL 62 SARA 313 REPORTABLE

ppm mg/m3
OSHAPEL-TWA: 1000
OSHAPEL STEL: 1000
OSHAPEL CEILING:
ACGIH TLV-TWA: 1000
ACGIH TLV STEL: 1000
ACGIH TLV CEILING:

SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES, CONSULT PHYSICIAN, DO NOT RUB EYES.
SKIN: FLUSH WITH WATER
INGESTION: DO NOT INDUCE VOMITING, CONSULT PHYSICIAN
INHALATION: REMOVE TO FRESH AIR

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: 19 (% BY VOLUME) LOWER: 3.3
FLASH POINT: F: 73 / C: 23
METHOD USED: TCC

AUTOIGNITION TEMPERATURE: N/A F: / C:
NFPA HAZARD CLASSIFICATION HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0 OTHER:
HMIS HAZARD CLASSIFICATION HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0 PROTECTION:

EXTINGUISHING MEDIA: CO2 OR DRY CHEMICAL

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. MAY REACT VIGOROUSLY WITH OXIDIZING MATERIALS
HAZARDOUS DECOMPOSITION PRODUCTS: CO2 MAY BE FORMED DURING COMBUSTION

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: DIKE, THEN SHOVEL INTO LEAKPROOF CONTAINER

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: AVOID HEAT. MAY BUILD PRESSURE. VAPOR MAY BE FLAMMABLE. OTHER PRECAUTIONS: AVOID IGNITION SOURCES

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NONE
VENTILATION: NORMAL
RESPIRATORY PROTECTION: NONE
EYE PROTECTION: SAFETY GLASSES
SKIN PROTECTION: NORMAL CLEANLINESS
WORK HYGIENIC PRACTICES: NORMAL CLEANLINESS
EXPOSURE GUIDELINES: NORMAL INTENDED USE

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR GEL  ODOR: ALCOHOLIC ODOR  PHYSICAL STATE: LIQUID
pH AS SUPPLIED: 7.5 TYPICAL  pH (Other):  
BOILING POINT: F: 176 / C: 80
MELTING POINT: F: N/A / C: N/A
FREEZING POINT: F: NOT DETERMINED / C: NOT DETERMINED
VAPOR PRESSURE (mmHg): 40 @ F: 77 / C: 25
VAPOR DENSITY (AIR = 1): >1 @ F: N/A / C: N/A
SPECIFIC GRAVITY (H2O = 1): 0.894 @ F: 77 / C: 25
EVAPORATION RATE: >1
BASIS (=1):
SOLUBILITY IN WATER: COMPLETE
PERCENT SOLIDS BY WEIGHT: 2.3
PERCENT VOLATILE: 97.7
   BY WT/ BY VOL @ F: / C:
VOLATILE ORGANIC COMPOUNDS (VOC): 62 %

WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:
VISCOSITY: 70,000 CPS @ F: 77 / C: 25

SECTION 10: STABILITY AND REACTIVITY

STABLE UNSTABLE
STABILITY: STABLE
CONDITIONS TO AVOID (STABILITY): OPEN FLAMES, SPARKS, OXIDIZING AGENTS
INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO2 MAY BE FORMED DURING COMBUSTION
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID (POLYMERIZATION): WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NOT DETERMINED

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT DETERMINED

SECTION 13: DISPOSAL CONSIDERATIONS
SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: ETHANOL SOLUTIONS
HAZARD CLASS: 3
ID NUMBER: UN1170
PACKING GROUP: 2
LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): NOT DETERMINED
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NOT DETERMINED
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NONE
311/312 HAZARD CATEGORIES: NONE
313 REPORTABLE INGREDIENTS: NONE

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: PREPARED BY DAVID WOOD ON DEC. 7, 2012

DISCLAIMER: ALL INFORMATION IS BELIEVED TO BE ACCURATE BUT DOES NOT IMPLY A WARRANTY OR GUARANTEE