

SAFETY DATA SHEET

INSTANT HAND SANITIZER

FILE NO.: 056
MSDS DATE: 12/7/12

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INSTANT HAND SANITIZER GEL / SANTI-GEL
PRODUCT CODES: 5607, 5612, 5619, 5630, 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
PRODUCT USE: HAND SANITIZER

OTHER CALLS:
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

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>62</u>	<u>SARA 313 REPORTABLE</u>
	<u>ppm</u>	<u>mg/m3</u>		
64-17-5	1000			
OSHA PEL-TWA:	1000			
OSHA PEL STEL :	1000			
OSHA PEL 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

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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

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

RCRA HAZARD CLASS:

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:

OTHER AGENCIES:

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