

SAFETY DATA SHEET
FOAMING ALCOHOL HAND SANITIZER

FILE NO.: 688
MSDS DATE: 12/3/15

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FOAMING ALCOHOL HAND SANITIZER
PRODUCT CODES: 68878, 68817, 68841
MANUFACTURER: KUTOL PRODUCTS COMPANY, INC.
ADDRESS: 100 PARTNERSHIP WAY, SHARONVILLE, OH 45241
EMERGENCY PHONE: 513-527-5500
CHEMTREC PHONE: 800-424-9300
OTHER CALLS:
FAX PHONE: 513-527-5506
PRODUCT USE: HAND SANITIZER

SECTION 1 NOTES:

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 2 NOTES:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: ETHYL ALCOHOL

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

SECTION 3 NOTES:

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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 4 NOTES:

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 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: DIKE, THEN SHOVEL INTO LEAKPROOF CONTAINER

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: AVOID HEAT. MAY BUILD PRESSURE. VAPOR MAY BE FLAMMABLE.

OTHER PRECAUTIONS: AVOID IGNITION SOURCES

SECTION 7 NOTES:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR LIQUID
ODOR: ALCOHOLIC ODOR
PHYSICAL STATE: LIQUID
pH AS SUPPLIED: 8.3 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: 2.5
PERCENT VOLATILE: 97.5
BY WT/ BY VOL @
F:
C:
VOLATILE ORGANIC COMPOUNDS (VOC): 72 %
WITH WATER: LBS/GAL

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WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:
VISCOSITY: N/A
@

F: 77
C: 25

SECTION 9 NOTES:

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 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NOT DETERMINED

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT DETERMINED

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

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

RCRA HAZARD CLASS:

SECTION 13 NOTES:

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:

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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 14 NOTES:

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 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: PREPARED BY DAVID WOOD ON DEC 3, 2012

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