

**SAFETY DATA SHEET**  
FOAMING ALCOHOL HAND SANITIZER

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

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: FOAMING ALCOHOL HAND SANITIZER  
PRODUCT CODES: 68809, 68817, 68824, 68841, 68878, 68891  
MANUFACTURER: KUTOL PRODUCTS COMPANY, INC.  
ADDRESS: 100 PARTNERSHIP WAY, SHARONVILLE, OH 45241

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

PRODUCT USE:      HAND SANITIZER

**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> 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 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      LOWER: 3.3  
(% BY VOLUME)

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:

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HMIS HAZARD CLASSIFICATION

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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

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: DIKE, THEN SHOVEL INTO LEAKPROOF CONTAINER

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## SECTION 7: HANDLING AND STORAGE

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

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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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

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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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      WITHOUT WATER:      LBS/GAL

MOLECULAR WEIGHT:  
VISCOSITY: N/A  
    @  
    F: 77      C: 25

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## SECTION 10: STABILITY AND REACTIVITY

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STABLE

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UNSTABLE

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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

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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TOXICOLOGICAL INFORMATION: NOT DETERMINED

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**SECTION 12: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: NOT DETERMINED

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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

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**SECTION 14: TRANSPORT INFORMATION**

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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:

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**SECTION 15: REGULATORY INFORMATION**

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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:

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**SECTION 16: OTHER INFORMATION**

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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