

SAFETY DATA SHEET

FOAMING INSTANT HAND SANITIZER, ALCOHOL FREE

FILE NO.: 682

MSDS DATE: 12/3/12

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FOAMING INSTANT HAND SANITIZER ALCOHOL FREE
PRODUCT CODES: 68209, 68217, 68224, 68241, 68278, 68291
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: HAZARDS 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: BENZETHONIUM CHLORIDE

<u>CAS NO.</u> 121-54-0	<u>% WT</u> : 0.2 %	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA: OSHA PEL STEL : OSHA PEL CEILING:			
ACGIH TLV-TWA: ACGIH TLV STEL: 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: N/A LOWER: N/A
(% BY VOLUME)

FLASH POINT:
F: >200 C:
METHOD USED: TCC

AUTOIGNITION TEMPERATURE: N/A
F: C:

NFPA HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

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HMIS HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTION:

EXTINGUISHING MEDIA: CO2 OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: APPROVED RESPIRATORS SHOULD BE WORN
UNUSUAL FIRE AND EXPLOSION HAZARDS: 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 OXIDIZING OR REDUCING AGENTS
OTHER PRECAUTIONS: NONE

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:
WORK HYGIENIC PRACTICES: NORMAL CLEANLINESS
EXPOSURE GUIDELINES: NORMAL INTENDED USE

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR LIQUID
ODOR: LINEN FRAGRANCE
PHYSICAL STATE: LIQUID

pH AS SUPPLIED: 9.0 TYPICAL pH (Other):
BOILING POINT:
 F: >200 C:
MELTING POINT:
 F: N/A C: N/A
FREEZING POINT:
 F: NOT DETERMINED C: NOT DETERMINED
VAPOR PRESSURE (mmHg):
 @
 F: C:
VAPOR DENSITY (AIR = 1): <1
 @
 F: N/A C: N/A
SPECIFIC GRAVITY (H2O = 1): 1.00
 @
 F: 77 C: 25

EVAPORATION RATE: <1
BASIS (=1):
SOLUBILITY IN WATER: COMPLETE
PERCENT SOLIDS BY WEIGHT: 0.5
PERCENT VOLATILE: 99.5
 BY WT/ BY VOL @
 F: C:

VOLATILE ORGANIC COMPOUNDS (VOC): <0.1 %
 WITH WATER: LBS/GAL WITHOUT WATER: LBS/GAL

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

SECTION 10: STABILITY AND REACTIVITY

STABLE

PAGE 2 OF 3

UNSTABLE

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STABILITY:

CONDITIONS TO AVOID (STABILITY):

INCOMPATIBILITY (MATERIAL TO AVOID):

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION:

CONDITIONS TO AVOID (POLYMERIZATION):

STABLE

OXIDIZING AGENTS

OXIDIZING AGENTS

CO2 MAY BE FORMED DURING COMBUSTION

WILL NOT OCCUR

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NOT DETERMINED

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT DETERMINED

SECTION 13: DISPOSAL CONSIDERATIONS

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: CLEANING, SCOURING, WASHING COMPOUNDS

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

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 DEC. 3, 2012

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