

# SAFETY DATA SHEET

FOAM HAND SANITIZER,

FILE NO.: 219

SDS DATE:03/04/14

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: FOAM HAND SANITIZER  
PRODUCT CODES: 7219, 7219B, 7219-4, 7219-G  
MANUFACTURER: F-MATIC, Inc.  
ADDRESS: 299 South Millpond Dr. Lehi, UT 84043

EMERGENCY PHONE: 800-824-9994 OTHER CALLS:  
CHEMTELL PHONE: 800-255-3924 FAX PHONE: 888-878-8828

PRODUCT USE: HAND SANITIZER

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## SECTION 2: HAZARDS IDENTIFICATION

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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:

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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**INGREDIENT:** BENZALKONIUM CHLORIDE

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
8001-54-5	0.1 %		

ppm  
mg/m3  
OSHA PEL-TWA:  
OSHA PEL STEL :  
OSHA PEL CEILING:

ACGIH TLV-TWA:  
ACGIH TLV STEL:  
ACGIH TLV CEILING:

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## SECTION 4: FIRST AID MEASURES

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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:

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## SECTION 5: FIRE-FIGHTING MEASURES

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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

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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 OXIDIZING OR REDUCING AGENTS  
OTHER PRECAUTIONS: NONE

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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:  
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: 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

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## SECTION 10: STABILITY AND REACTIVITY

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STABLE

UNSTABLE

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STABILITY:	STABLE
CONDITIONS TO AVOID (STABILITY):	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: 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:

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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 SABRINA FAN

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