

# SAFETY DATA SHEET

GEL HAND SANITIZER

FILE NO.:019

MSDS DATE: 03/04/14

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GEL HAND SANITIZER  
PRODUCT CODES: 7019, 7319, 7719, 7809  
MANUFACTURER: F-MATIC., INC.  
ADDRESS: 299 SOUTH MILLPOND DR., LEHI, UT 84043

EMERGENCY PHONE: 800-824-9994  
CHEMTELL PHONE: 800-255-3924  
PRODUCT USE: HAND SANITIZER

OTHER CALLS:  
FAX: 888-878-8828

## SECTION 2: HAZARD(S) IDENTIFICATION



SIGNAL WORD: FLAMMABLE

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  
(% 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: CO<sub>2</sub> MAY BE FORMED DURING COMBUSTION

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: DIKE, THEN SHOVEL INTO LEAKPROOF CONTAINER

## 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

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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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 (H<sub>2</sub>O = 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

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STABLE

UNSTABLE

STABILITY: STABLE  
CONDITIONS TO AVOID (STABILITY): OPEN FLAMES, SPARKS, OXIDIZING AGENTS  
INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING AGENTS  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO<sub>2</sub> MAY BE FORMED DURING COMBUSTION  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID (POLYMERIZATION): WILL NOT OCCUR

## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: NOT DETERMINED

## SECTION 12: ECOLOGICAL INFORMATION

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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:

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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 SABRINA FAN

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