

# SAFETY DATA SHEET

FOAMCLEAN HAND SANITIZER, ALCOHOL FREE

FILE NO.: 682

MSDS DATE: 12/2/13

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: FOAMCLEAN HAND SANITIZER ALCOHOL FREE  
PRODUCT CODES: 44015, 44096, 44608, 44017  
MANUFACTURED FOR: TRIPLE S  
ADDRESS: 2 EXECUTIVE PARK DRIVE, BILLERICA, MA 01862

EMERGENCY PHONE: 888-779-1339      OTHER CALLS:  
PHONE: 800-323-2251      FAX PHONE: 978-667-9360

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: BENZETHONIUM CHLORIDE

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
121-54-0	: 0.2 %		
	<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:			

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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

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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**

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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 DAVID WOOD DEC. 2, 2013**

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