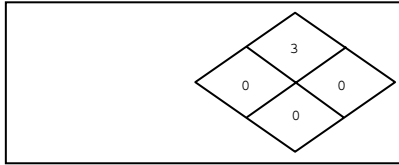


# MATERIAL SAFETY DATA SHEET

Product Code: Foam Hand SANITIZER w/MOISTURIZERS

Active Ingredient Ethyl Alcohol 64-17-5

Product CAS#  
Deionized Water 7732-18-5  
Dimethicone  
Citric Acid 77-92-9  
DMDMH 6440-58-0



## DIVISION AND LOCATION - SECTION I

DIVISION: Bortek Industries  
LOCATION: 4713 Old Gettysburg Rd.  
Mechanicsburg, Pa. 17055  
EMERGENCY TELEPHONE NUMBER: 1 800-626-7835

## CHEMICAL AND PHYSICAL PROPERTIES - SECTION II

CHEMICAL NAME: mixture of water & ethanol  
FORMULA: No data available  
HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide and carbon dioxide from burning  
INCOMPATIBILITY (Keep away from): strong oxidizers such as hydrogen peroxide, bromine, and chromic acid  
TOXIC AND HAZARDOUS INGREDIENT: none  
FORM: liquid Foam ODOR: Characteristic COLOR: Clear  
APPEARANCE: viscous liquid  
SPECIFIC GRAVITY (WATER = 1): 0.94  
BOILING POINT: No data available  
MELTING POINT: No data available  
SOLUBILITY IN WATER (by weight %): soluble at 25°C complete  
VOLATILE (BY WEIGHT %): 95% VOC  
EVAPORATION RATE: not applicable  
VAPOR PRESSURE (mm Hg at 20°C): less than 1  
VAPOR DENSITY (air = 1): No data available  
pH (as is): 5.5 to 7.0  
STABILITY: Product is stable under normal conditions

## FIRE AND EXPLOSION DATA - SECTION III

VISCOSITY SUS at 100°F: 0  
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained Breathing apparatus and protective clothing.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: flammable  
FLASHPOINT: Pensky-Martens closed cup: greater than 100 F FLAMMABLE LIMITS %: Not applicable  
EXTINGUISHING AGENTS: Dry chemical or water spray of water fog or CO or Foam or Sand/Earth

## HEALTH HAZARD DATA - SECTION IV

PERMISSIBLE CONCENTRATION (Air): not applicable  
CHRONIC EFFECTS OR OVEREXPOSURE: no data available  
ACUTE TOXICOLOGICAL PROPERTIES: no data available  
EMERGENCY FIRST AID PROCEDURES:  
EYES: Immediately flush with large quantities of water for at least 15 minutes and call a physician  
SKIN CONTACT: Not applicable  
INHALATION: Not applicable  
IF SWALLOWED: Call a physician

## SPECIAL PROTECTION INFORMATION - SECTION V

VENTILATION TYPE REQUIRED (local, mechanical, special): Not applicable  
RESPIRATORY PROTECTION (Specify type): Not applicable  
PROTECTIVE GLOVES: Not applicable  
OTHER PROTECTIVE EQUIPMENT: Not applicable

## HANDLING OF SPILLS OR LEAKS - SECTION VI

PROCEDURES FOR CLEAN-UP: Absorb with an inert material such as sand, soil or vermiculite, sweep up and dispose of in accordance with federal, state, and local regulations.  
WASTE DISPOSAL: Dispose of in accordance with all applicable federal, state and local regulations.

## SPECIAL PRECAUTIONS - SECTION VII

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store between 40°F and 120°F

## TRANSPORTATION DATA - SECTION VIII

D.O.T.: Not regulated  
REPORTABLE QUANTITY: Not applicable  
FREIGHT CLASSIFICATION: Ethanol Solution SPECIAL TRANSPORTATION NOTES: None

## COMMENTS - SECTION IX

SIGNATURE: Thomas A Drupp  
TITLE: VP  
Sent to: \_\_\_\_\_

DATE: 01/03/2008

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