

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 3  
Health: 1  
Reactivity: 0

## SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Company Name, Address: **The Fuller Brush Company - P.O. Box 729 - Great Bend, KS 67530**

Product Name: Foaming Hand Sanitizer  
Chemical Family: Alcoholic solution

Product Number: 9218  
Package Size: 8 fl. oz.(236mL)

EPA Reg. No: N/A  
Preparer: L. Gray

Emergency Telephone No. (620) 792-1711  
Date: 9/24/10

International:

## SECTION II - HAZARDOUS INGREDIENTS IDENTIFICATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Denatured Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm	67 v/v

## SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards <input type="checkbox"/>	Flammable Gas <input type="checkbox"/>	Flammable Liquid/Solid <input checked="" type="checkbox"/>	Water Reactive <input type="checkbox"/>
Combustible <input type="checkbox"/>	Flammable Aerosol <input type="checkbox"/>	Pyrophoric <input type="checkbox"/>	Oxidizer <input type="checkbox"/>
Compressed Gas <input type="checkbox"/>	Explosive <input type="checkbox"/>	Unstable - Reactive: <input type="checkbox"/>	Organic Peroxide <input type="checkbox"/>

Boiling Point, °F: 177      Solubility in Water: Complete      Evaporation Rate: <1/1=water  
Vapor Pressure: Unknown      Specific Gravity (water =1): 0.8866      pH: 7.5  
Vapor Density: Unknown      %Volatiles by Weight: 98

Appearance and Odor: Clear liquid with fragrance, foamy when dispensed

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 72 F (Seta)      Flammable Limits: LEL: 3.3%      UEL: 19.0%  
Extinguishing Media: CO2, dry chemical, "alcohol-type foam"

Special Fire: Approved respirator should be worn. Use water spray to cool equipment and to disperse vapors.  
Fighting Procedures: Alcohol flames may be difficult to see because they are virtually colorless.  
Unusual Fire and Explosion Hazards: May react violently with oxidizing materials. Explosion hazard is moderate.

## SECTION V - REACTIVITY DATA

Stability: Unstable       Conditions to Avoid: Heat, sparks, open flame  
Stable

Incompatibility: Oxidizing materials can cause vigorous reaction.  
(Materials to Avoid)

Hazardous Decomposition Products or Byproducts: Combustion will produce CO2 and CO.

Hazardous Polymerization: May Occur:       Will Not Occur:   
Conditions to Avoid: N/A

Comments:

**SECTION VI HEALTH HAZARD DATA**

9218

Route (s) of entry:	Inhalation	<input checked="" type="checkbox"/>	Skin:	<input checked="" type="checkbox"/>	Eye:	<input checked="" type="checkbox"/>	Ingestion:	<input checked="" type="checkbox"/>
No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>			
Toxic	<input type="checkbox"/>	Irritant	<input checked="" type="checkbox"/>	Carcinogen	<input type="checkbox"/>			
Highly Toxic	<input type="checkbox"/>	Corrosive	<input type="checkbox"/>	See Target Organs	<input type="checkbox"/>			

**TARGET ORGANS**

Lungs	<input checked="" type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input checked="" type="checkbox"/>
Heart	<input checked="" type="checkbox"/>	Skin	<input type="checkbox"/>	Liver	<input checked="" type="checkbox"/>	Central Nervous System	<input checked="" type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input checked="" type="checkbox"/>	Prostate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>	Cardiovascular System	<input type="checkbox"/>	Respiratory System	<input checked="" type="checkbox"/>
Carcinogenicity:	None Known	<input checked="" type="checkbox"/>	NTP:		IARC:		OSHA Regulated		

Medical Conditions Generally Aggravated by Exposure:

None known

**Signs and Symptoms of Exposure:**

Causes eye, and upper respiratory tract irritation. Can cause central nervous system depression and damage to liver, heart and/or kidneys from over exposure.

**Emergency and First Aid Procedures:**

For external use only. Do not use in the eyes. Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, contact a physician.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case material is released or spilled:

Mop up, rinse with water.

**Waste Disposal Method:**

For single units, wrap in newspaper and dispose in trash container. Dispose of multiple units in accordance with Local, State and Federal Regulations.

Potential EPA Hazardous Waste Code(s): D001

**Steps to be taken in handling and storage:**

Keep away from fire or flame. Store in closed container at 40 - 90 F. Read and follow label use directions.

**KEEP OUT OF REACH OF CHILDREN****SECTION VIII CONTROL MEASURES****Respiratory Protection(Specify Type):**

None required as long as exposure limit is not exceeded.

Ventilation: Local Exhaust: Required Special: N/A  
Mechanical: To meet OSHA PEL limits

Protective Gloves: Not-Required Eye Protection: Optional

**Other Protective Clothing and Equipment:**

Eye bath and safety shower should be available.

**SECTION IX SHIPPING INFORMATION**

DOT Proper Shipping Name and Number:

Consumer Commodity, ORM-D

NE = Not Established N/D Not-Determined

N/A = Not Applicable