

MISSOURI VOCATIONAL ENTERPRISES MATERIAL SAFETY DATA SHEETS

I. PRODUCT IDENTIFICATION

F-618

Manufacturer's Name:	Missouri Vocational Enterprises		
Address:	P. O. Box 236	Telephone Number:	(573) 751-6663
	Jefferson City, Missouri 65102		

Telephone Numbers for 24 Hours Emergency Assistance		
CHEMTREC	For Chemical Emergencies	1-800-424-9300
	For Medical Emergencies	1-800-228-5635

Product Name:	Sani-Foam Hand Sanitizer
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II. COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL:	% By Wt.
Benzalkonium Chloride (CAS # 8001-54-5)	0.10

III. HAZARDS IDENTIFICATION

INHALATION:	Direct contact or exposure to high concentration of mists or vapors may cause irritation.
SKIN:	Short periods of contact through regular use are not usually associated with skin irritation.
EYE:	Direct contact can cause pain and irritation.
INGESTION:	Direct contact or exposure may cause irritation. Ingestion or large amounts may cause gastrointestinal discomfort including irritation, nausea and diarrhea.
CHRONIC EFFECTS:	No adverse effects are expected.

IV. FIRST AID MEASURES

The following procedures are recommended as emergency first aid only. They are not intended to replace or supplant the treatment advice of a physician or other authorized health care specialist.	
Inhalation:	Move person to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin Contact:	Stop use and ask a doctor if irritation or redness develops, or if condition persists for more than 72 hours.
Eye Contact:	Rinse eyes with water. Remove contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.
Ingestion:	Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary.

F-618 Continued

V. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES	
Auto ignition temperature	Not Applicable
Flash Point	>200°F (PMCC)
Flammable Limits – LEL	Not Applicable
Flammable Limits - UEL	Not Applicable
EXTINGUISHING MEDIA	
Use media suitable for the material that is burning.	
FIRE-FIGHTING EQUIPMENT	
As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.	
SPECIAL FIRE-FIGHTING INSTRUCTIONS	
Move containers from area if it can be done without risk. Cool fire-exposed container with water from side.	

VI. REACTIVITY DATA

Conditions Contributing to Instability:	N/A
Incompatibility:	None Known
Hazardous Decomposition Products:	Oxides of Carbon and Nitrogen on Combustion
Conditions Contributing to Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Avoid contact with heat.

VII. SPILL OR LEAK PROCEDURES

Steps to be taken if Material is Released or Spilled:	
1) Spill area will be slippery. Wear appropriate protective equipment. 2) Absorb spills with vermiculite, fuller's earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread. 3) Prevent liquid from entering sewers or waterways.	
Neutralizing Chemicals:	N/A
Waste Disposal Methods:	N/A

VIII. SPECIAL PROTECTION INFORMATION

Respiratory:	NIOSH/MSHA	Eye:	Safety Glasses or Goggles	Glove:	Rubber
Other Clothing and Equipment:	Normal working clothing is generally adequate.				
Ventilation:	N/A				

IX. SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing:	For Industrial or Institutional use.
Other Precautions	Read and observe labeled use instructions.

Prepared by: Henry Rodgers Title: Chemist I Date: March 14, 2011

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