



**MATERIAL SAFETY DATA SHEET**  
(Essentially similar to U.S. Department of Labor Form OSHA 174)

Identity: <b>FORTRESS™ Foaming Antibacterial Hand Soap</b>	Chemical Family: <b>Synthetic Detergent Hand Soap</b>
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**SECTION I**

Manufacturer: <b>Kay Chemical Company</b> Address: <b>8300 Capital Drive Greensboro, NC 27409 USA</b>	<b>Emergency Medical Telephone #:</b> (800)304-0824 or call collect 0(303)592-1709 (24 hours) <b>Telephone # for Other Info:</b> (800)333-4300 (USA or Canada) or (336)668-7290 <b>Date Prepared:</b> February 15, 2006
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**SECTION II - Hazardous Ingredients/Identity Information**  
(Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1200)

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Potassium cocoate	61789-30-8	None	None	N.A.
Hexylene glycol	107-41-5	None	25 ppm (ceiling value)	NIOSH STEL = 25ppm
Tetrasodium EDTA	64-02-8	None	None	N.A.

**SECTION III - Physical/Chemical Characteristics**

Boiling Point:	>212°F	Specific Gravity (Water=1):	1.045
Vapor Pressure (mm Hg.):	N.A.	Melting Point:	N.A.
Vapor Density (AIR=1):	N.A.	Evaporation Rate:	U.I.
Solubility in Water:	Complete	(Butyl Acetate=1)	
Appearance and Odor:	Clear, amber/peach liquid; perfumed		

**SECTION IV - Fire and Explosion Hazard Data**

Flash Point(TCC)	>200°F	Flammable Limits % by Vol	LEL: N.A.	UEL: N.A.
Extinguishing Media:	Water, carbon dioxide, or dry chemical.			
Special Fire Fighting Procedures:	None			
Unusual Fire and Explosion Hazards:	None, does not support combustion			

**SECTION V - Reactivity Data**

Stability	Unstable:	Conditions to Avoid:	None
	Stable: <b>X</b>		
Incompatibility (Materials to Avoid):	None		
Hazardous Decomposition or Byprod:	None		
Hazardous Polymerization	May Occur:	Conditions to Avoid:	None
	Will Not Occur: <b>X</b>		



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### SECTION VI - Health Hazard Data

Primary Route(s) of Entry:	SKIN ( )	EYES ( X )	INGESTION ( X )	INHALATION ( )
Health Hazards (Acute and Chronic):	Acute:	May cause eye irritation.		
	Chronic:	Not a known hazard.		
Signs and Symptoms of Exposure:	Eyes: Direct contact can cause irritation, tearing, redness, and temporary blurred vision. Ingestion: Can result in nausea, diarrhea, and mucosal and gastric irritation.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No	
Medical Conditions - Generally Aggravated by Exposure:	None known.			
Emergency and First Aid Procedures:	Eyes:	In case of contact, flush eyes with plenty of water. Contact a physician if irritation persists.		
	If Swallowed:	Drink large quantities of water. Contact a physician.		

### SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:	Use absorbent, then mop with water and dispose of as set forth below.
Waste Disposal Method:	If permitted, flush down acceptable sewer or dispose at landfill. Dispose of in accordance with all applicable regulations.
Precautions to be Taken in Handling and Storing:	No unusual precautions necessary.
Other Precautions:	Do not mix with any other chemicals unless recommended by Kay Chemical Company.

### SECTION VIII - Special Protection Information

Respiratory Protection (Specify Type):	Not required with normal usage.		
Ventilation	Local Exhaust:	Not required	Special: None
	Mech.(General):	Not required	Other: None
Protective Gloves:	Not required with normal usage.	Eye Protection:	Not required with normal usage.
Other Protective Clothing or Equipment:	Not required with normal usage.		

### SECTION IX - State Right-To-Know Information

The specific chemical identity of this product is being withheld as a proprietary trade secret.

N.A. = Not Applicable  
 U.I. = Unavailable Information

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