

# E11

# elements™



environmentally responsible  
maintenance solutions



## Foaming Hand Soap

*jabon de las manos con espuma*

Mild liquid foaming hand soap made from the finest ingredients available. Moisturizes as it cleans to leave hands soft and smooth. Formulated with pure Aloe Vera extract. It provides emollients, moisturizers and skin protectants.

### ENVIRONMENTALLY RESPONSIBLE COMPARISON

Traditional Products	elements
Cocamide DEA	None
Ethylenediaminetetraacetate (EDTA)	None
Triclosan	None
	Mild, biodegradable surfactant package.
	Aloe Vera extract
	Sodium Citrate
Traditional Compound Descriptions:	elements Compound Descriptions:
<p><b>Cocamide DEA</b> – DEA may be a suspected carcinogen.</p> <p><b>Ethylenediaminetetraacetate (EDTA)</b> – offers very good control of hardness ions. However, it will enhance the remobilization of heavy metals in the environment. It may contain trace amount of carcinogen.</p> <p><b>Triclosan</b> – an antibacterial compound. May promote antibiotic resistance.</p>	<p><b>Mild, biodegradable surfactant package</b> – a blend of biodegradable surfactant used shampoo and bubble bath.</p> <p><b>Aloe Vera extract</b> – a natural ingredient of choice in many formulas of beauty naturally skin care products because of its softening properties.</p> <p><b>Sodium Citrate</b> – offers good control of hardness ions. Softens water and buffers pH for optimum cleaning efficiency. It is a salt formed by natural citric acid and sodium bicarbonate (baking soda).</p>

### PRODUCT SPECIFICATIONS

Color:	Clear	Abrasive:	None
Odor:	Characteristic Fruity	Biodegradability:	Complete
pH:	6.5 – 7.5	Storage/Stability:	2 years
Viscosity:	Water thin	Weight Per Gallon:	8.46 lbs. Per gallon
Foam:	High	Freeze/Thaw Stability:	Keep from freezing

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

**Manufacturer's Name:**  
Misco Products Corporation

**Manufacturer's Address:**  
1048 Stinson Drive Reading, PA 19605

**Manufacturer's Phone #:** (610) 926-4106

**Product Name:** Foaming Hand Soap  
**Generic Name:** Hand Soap  
**Chemical Family:** Synthetic Detergent blend  
**Formula:** Proprietary

**Supplier's Name:**

**Supplier's Address:**

**Supplier's Phone #:**

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Sodium Lauryl Sulfate	151-21-3	0 to 5			
Sodium Laureth Sulfate	9004-82-4	0 to 5			
Aloe Vera	8001-97-6	0 to 5			
Glycerine	56-81-5	0 to 5			
Perfume Oil	N/A	0 to 5			

## SECTION 3-PHYSICAL DATA

**Boiling Point (°F):** 211 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 85+  
**Solubility in Water:** Complete  
**Physical Description:** Clear liquid with pleasant fragrance.

**Specific Gravity:** 1.011  
**Vapor Density (Air=1):** >1  
**pH:** 6.5 – 7.5  
**Evaporation Rate (Water=1):** <1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** None  
**Upper Explosion Limit:** N/A  
**Extinguishing Media:** N/A  
**Special Firefighting Procedures:** Non Flammable  
**Lower Explosion Limit:** N/A  
**Unusual Fire and Explosion Hazards:** N/A

## SECTION 5-REACTIVITY DATA

**Stability:** Stable

**Hazards Decomposition Products:** Will not occur.

**Hazardous Polymerization:** None

**Incompatibility (Materials to Avoid):** None

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep containers out of reach of children. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes and clothing.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**

**Skin:** Essentially non-irritating.

**Eyes:** Eye irritant. May cause redness or swelling.

**Inhalation:** N/A

**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system.

Vomiting and diarrhea expected with large doses.

**First Aid Procedures:**

**Skin:** N/A

**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.

**Inhalation:** N/A

**Ingestion:** Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** No special requirements.

**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

**Protective Gloves:** N/A

**Eye Protection:** N/A

**Other Protective Equipment:** N/A

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.

**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

**SARA Title III - Section 311/312 -Hazard Categories:**

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

No - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

**Shipping Information:**

FOR CONTAINERS > 1 Gallon : Cleaning Compound

FOR 1 GALLON CONTAINERS : Cleaning Compound

FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>-</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product