

# Smart Foam #1139

## Aerosol Foam Hand Cleaner



### Features:

- Lowest cost per hand wash – up to 2,000 hand washes per cartridge
- Customizable volume dispensing from 0.2 ml to 1.5 ml
- Minimal packaging reduces storage space needed
- Up to 6x more concentrated
- New nozzle and valve with every cartridge
- Cartridge empties 100% for no waste
- Light sensor minimizes energy consumption

### Description:

SMART FOAM's revolutionary bag-on-valve, instant-foam technology converts highly concentrated soap into a rich, firm foam with a high cleansing action. The tin cartridge contains a laminated bag that is attached to a valve, nozzle and cap. Pure air is injected between the can and the bag before the bag is filled with soap, giving this product a high pressure that causes the bag to empty completely. The cartridge allows you to adjust the amount of product dispensed per dose so you can tailor the amount dispensed to your specific needs. The recyclable cartridges snap into the dispenser easily.



### Applications:

- Schools
- Municipalities
- Industrial Plants
- Offices

### Product Characteristics:

Appearance:	Foam.
Odor:	Odorless.
Vapor Pressure:	Not determined.
Boiling Point/Range:	100°C / 212°F
Solubility:	Readily soluble.
pH:	7
Self Igniting:	Product is not self igniting.
Storage:	Store in a cool, dry location, out of direct sunlight.
<b>Transport Information:</b>	
Proper Shipping Name:	Aerosols, nonflammable.
UN Number:	UN1950
Class:	2.2
Label(s):	Nonflammable gas.

Health	1
Flammability	0
Reactivity	0
Personal Protection	

### Directions:

Apply to wet skin. Work into lather. Wash thoroughly. Rinse completely and dry.

Use with Smart Foam Dispenser #411901

### Pictograms:



### Signal Word:

N/A

### Personal Protective Equipment Required:






# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1139	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	SMART FOAM	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Foam Hand Cleaner	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Eye Irritant: Hazard Category 2B <i>This product meets the definition of a cosmetic.</i>	<b>SIGNAL WORD:</b> N/A	<b>SYMBOL:</b>	NOT A CONTROLLED  PRODUCT UNDER GHS
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**HAZARD STATEMENTS:**  
Warning: Causes eye irritation.

**PRECAUTIONARY STATEMENTS:**  
Pressurized container: Do not pierce or burn, even after use.

**CLASSIFICATION ACCORDING TO CANADIAN CRP (WHIMS):**  
Division 2 Toxic Material (Eye Irritant).

## 3. Composition / Information on Ingredients

**CHEMICAL NAME:**  
Foam Hand Cleanser

**CLASSIFICATION:**  
Mixtures.  
This product meets the FDA definition of a cosmetic product.

**PRODUCT DESCRIPTION:**  
Foam soap from bag on valve aerosol.

**INGREDIENTS:**  
Water, Sodium Laureth Sulfate, Butane, Cocoamido Propyl Betaine, PEG-15 Cocamine, Cocamine Oxide, Sodium Chloride, Propane, Sodium Hydroxide, Benzyl Alcohol, Methylchloroisothiazolinone, Magnesium Chloride, Magnesium Nitrate, Methylisothiazolinone.

**TRADE SECRET DECLARATION:**  
The composition of this product is held to be a trade secret. Additional information will be made available upon request from authorized medical professionals.

## 4. First Aid Measures

**EMERGENCY OVERVIEW**

**GENERAL:** Immediately remove any clothing soiled by the product.

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If irritation persists: Get medical advice/attention.

**SKIN:** Wash off with water.

**INHALATION:**  
Not a normal route of entry.

**INGESTION:**  
Not a normal route of entry.

**INFORMATION FOR DOCTOR:**  
Most important symptoms are acute. Symptoms include burning and redness of the eyes which should subside.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**  
No further relevant information is available.

## 5. Fire-Fighting Measures

**SUITABLE FIRE EXTINGUISHING MEDIA:**  
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**  
Potential products of combustion: Carbon Monoxide (CO).

**SPECIFIC FIRE-FIGHTING METHODS:**  
At higher temperatures the container may burst, causing an explosion. Cool endangered containers with water spray.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**  
In case of insufficient ventilation, wear suitable respiratory equipment.

## 6. Accidental Release Measures

**PERSONAL PRECAUTIONS:**  
Surfaces will become slippery if product is spilled. Keep away from ignition sources.

**ENVIRONMENTAL PRECAUTIONS:**  
Do not allow to enter sewers, or surface or ground water.

**METHODS & MATERIALS FOR CONTAINMENT & CLEAN-UP:**  
Ensure adequate ventilation. Absorb liquid components with liquid-binding material. Clean the affected area carefully with water.

**REFERENCE TO OTHER SECTIONS:**

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

**7. Handling and Storage****SAFE HANDLING:**

Do not breathe aerosol.

**INFORMATION ABOUT FIRE & EXPLOSION PROTECTION:**

Keep ignition sources away. Do not smoke.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. (i.e. electric lights) Do not pierce or burn, even after use.

2% by mass of the contents are flammable.

**SAFE STORAGE & INCOMPATIBILITIES:**

Store in a cool, dry location, out of direct sunlight. Heat will increase the pressure and may lead to the can bursting. Observe all regulations regarding storage of pressurized containers. No additional information is available.

**8. Exposure Controls / Personal Protection****PERMISSIBLE OR RECOMMENDED EXPOSURE LIMITS:**

ACGIH: Undetermined.

NIOSH: Undetermined.

OSHA: Undetermined.

**PERSONAL PROTECTIVE EQUIPMENT:**

**Eye/Face Protection:** In case of splash risk, wear safety glasses.

**Skin Protection:** Not generally required.

**Respiratory Protection:** Not necessary if area is well ventilated.

**General Hygiene Considerations:** Wash hands before breaks and at the end of work.

**ENGINEERING CONTROLS:**

See Section 7. No additional data available.

**9. Physical & Chemical Properties**

<b>Form:</b>	Foam.	<b>Flammability(solid/gas):</b>	Not applicable.
<b>Color:</b>	Colorless.	<b>Explosive Limits:</b>	Not determined.
<b>Odor:</b>	Odorless.	<b>Vapor Density:</b>	Not determined.
<b>Odor Threshold:</b>	Not determined.	<b>Density @20°C::</b>	Not determined.
<b>pH:</b>	7	<b>Vapor Pressure @20°C:</b>	Not determined.
<b>Melting Point/Range:</b>	Not determined.	<b>Relative Density:</b>	Not determined.
<b>Boiling Point/Range:</b>	100°C / 212°F	<b>Solubility/Miscibility (water):</b>	Readily soluble.
<b>Viscosity (dynamic/kinematic):</b>	Not determined.	<b>Ignition Temp:</b>	Not determined.
<b>Evaporation Rate:</b>	Not determined.	<b>Decomposition Temp:</b>	Not determined.
<b>Freezing Point:</b>	< 32°F (0°C)	<b>Partition Coeff(n-octanol/water):</b>	Not determined.
<b>Self Igniting:</b>	Product is not self igniting.	<b>Danger of Explosion:</b>	Not determined.
<b>Flash Point:</b>	Not determined.		

**10. Stability & Reactivity Information****REACTIVITY:**

Normally non-reactive.

**CHEMICAL STABILITY:**

Stable if used as directed.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

None known.

**INCOMPATIBLE MATERIALS:**

None known.

**CONDITIONS TO AVOID:**

None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None known.

**11. Toxicological Information****PRIMARY ROUTE OF ENTRY:**

Skin, eye.

**SYMPTOMS OF EXPOSURE:**

**Eyes:** Contact will cause burning and irritation.

**Skin:** Long term or excessive use may cause dryness.

**CHRONIC EFFECTS:**

None known.

**ACUTE TOXICITY:**

Not tested.

**CARCINOGENICITY:**

None of the chemicals used in this product have been found to be carcinogenic by NTP, IARC, OSHA, or ACGIH.

## 12. Ecological Information

### TOXICITY:

Aquatic Toxicity: Not tested.  
Persistence and Degradability: Not tested.

### BEHAVIOR IN ENVIRONMENTAL SYSTEMS:

Bioaccumulative Potential: Not tested.  
Mobility in Soil: Not tested.

### ECOTOXICAL EFFECTS:

Behavior in Sewage Processing Plants: Not tested.

## 13. Disposal Consideration

Dispose of in accordance with applicable local, state and federal regulations.

## 14. Transportation Information

**DOT:** UN Number: UN1950  
UN Proper Shipping Name: Aerosols, nonflammable  
Transport Hazard Class(es):  
Class: 2.2  
Subsidiary risk: -  
Label(s): Nonflammable gas.

**IATA:** UN Number: UN1950  
UN Proper Shipping Name: AEROSOLS, nonflammable.  
Transport Hazard Class(es):  
Class: 2.2  
Subsidiary risk: -  
Label(s): 2.2

**IMDG:** UN Number: UN1950  
UN Proper Shipping Name: AEROSOLS  
Transport Hazard Class(es):  
Class: 2.2  
Subsidiary risk: -  
Label(s): 2.2

**ENVIRONMENTAL HAZARD:**  
Marine Pollutant: Unknown.  
Special Precautions for the Users: None.

## 15. Regulatory Information

All ingredients used in this product are listed in the TSCA Inventory.  
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.  
This product meets the definition of a cosmetic per The US Food and Drug Administration.

## 16. Other Information

This container is an aerosol with a two-compartment system. The product, without propellant, is contained in the inner compartment (bag of foil). Between the bag (with product) and the can is pressurized air, which puts pressure on the bag and propels the product outside when the nozzle is pushed. This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### ABBREVIATIONS & ACRONYMS:

DOT: Department of Transportation (USA)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
TSCA: Toxic Substance Control Act (USA)  
CPR: Controlled Products Regulations (Canada)  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent

<b>HMS</b>	Health Hazards: 1	Flammability: 0	Physical hazards: 0	Personal protection:
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### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.



# PRO CHEM SMART FOAM SOAP

**DIRECTIONS FOR USE:** Apply to wet skin. Work into lather. Wash thoroughly. Rinse completely and dry.

Instrucciones de uso: Aplicar sobre la piel mojada. Trabajar en la espuma. Lavar a fondo. Enjuague y seque completamente.



**CAUTION:** Contents under pressure. Do not puncture or incinerate. Do not store at temperatures above 120°F (49°C). Protect from sunlight.

2% by weight of the contents is flammable.

**Keep out of reach of children.**

**Precaución:** Contenido bajo presión. No perforar ni incinerar.

No almacenar a temperaturas superiores a 120°F (49°C). Proteger de la luz solar. 2% en peso del contenido es inflamable.

**Mantener fuera del alcance de los niños.**

**INGREDIENTS:** Water, sodium laureth sulfate, butane, cocamidopropyl betaine, sodium chloride, propane, citric acid, sodium hydroxide, benzyl alcohol, methylchloroisothiazolinone, magnesium chloride, magnesium nitrate, methylisothiazolinone.

**Ingredientes:** agua, sodio laureth sulfato cocamidopropyl betaine, butano, propano, cloruro de sodio, ácido cítrico, hidróxido de sodio, alcohol bencílico, methylchloroisothiazolinone, elcloruro de magnesio, nitrato de magnesio, Methylisothiazolinone.

**HMIS RATING:** Health 1, Flammability 0, Reactivity 0

**HMIS RATING:** Salud 1, inflamabilidad 0, reactividad 0

AN EXCLUSIVE PRODUCT OF:  
**PRO CHEM, INC.**

1475 Bluegrass Lakes Parkway  
Alpharetta, GA 30004  
1-800-241-8180  
www.procheminc.com



Product Code: 1139



Highly concentrated foam soap for general restroom use.

Altamente concentrado de espuma de jabón para baño general.

# SMART FOAM

13.5 Fl. Oz. (400mL)