



FOAMINATOR: The Undisputed King of Coil Cleaners for Deep Core Cleaning and Ultimate HVAC Efficiency

Introduction: Moving Beyond Surface Scratches

In the HVAC industry, a visually clean coil does not always equal a thermally efficient one. One of the most common complaints among technicians dealing with multi-row or deep coil condensers is "surface level foaming." Traditional foaming cleaners react instantly upon contact, creating a "wall of white foam" on the face of the coil. While this looks impressive, that wall effectively blocks the liquid from penetrating to the center of the unit. The result? The face looks bright, but the core remains packed with grease, cottonwood, and grime, keeping head pressures high and efficiency low. This leads to repeated applications, wasted time, and callbacks on equipment that wasn't cleaned right in the first place. Vapco Solutions addresses this failure with Foaminator. Engineered for a deep cleaning revolution, Foaminator utilizes a Revolutionary Time-Delayed Action to clean coils from the inside out, ensuring that the "after" picture matches the system's performance metrics.

Foaminator's Deep Cleaning Revolution



The Revolutionary Technology of Deep Core Cleaning

Why "The Submarine" Outperforms "The Speedboat"

For the service technician, time is money, but rushing a coil cleaning often leads to callbacks. Foaminator changes the physics of the cleaning process.

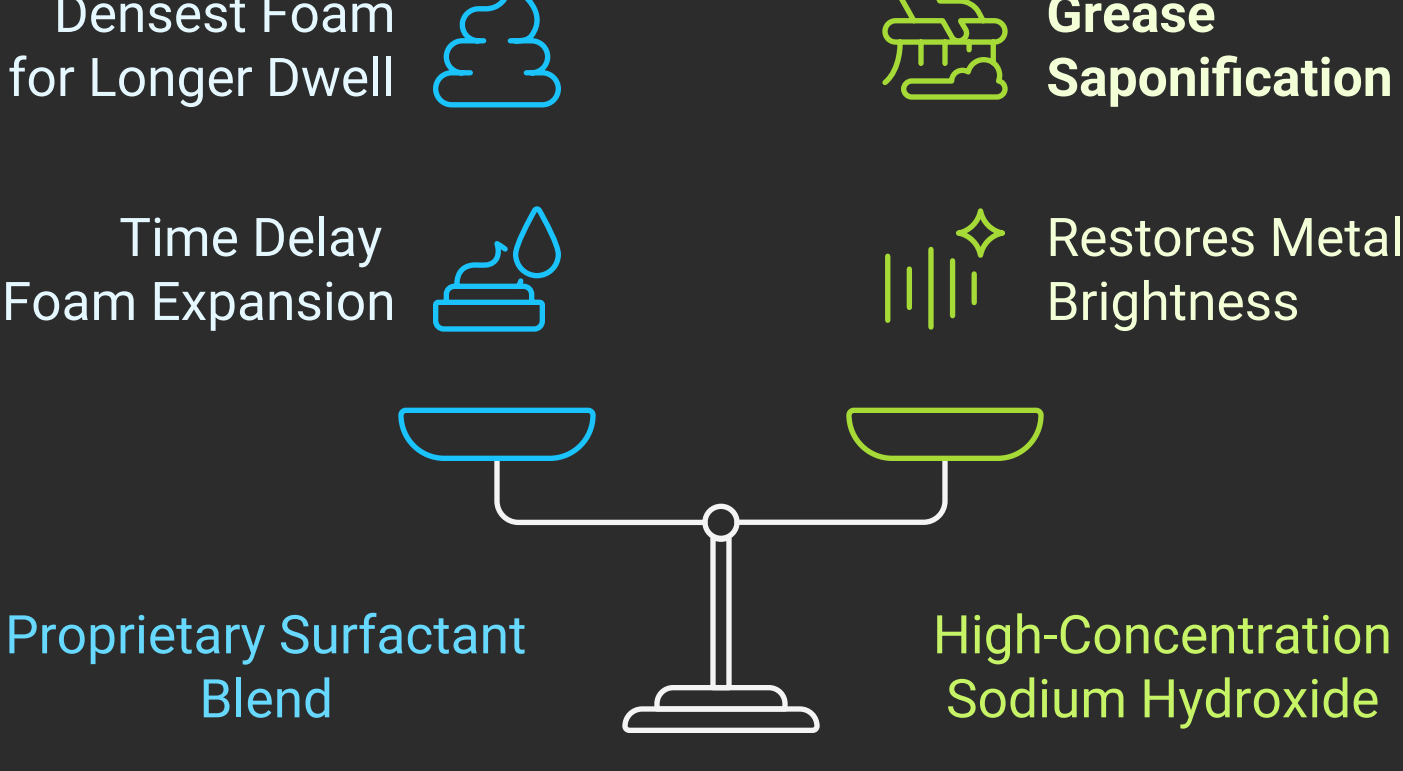
- **Time-Delayed Foaming (Penetration Before Expansion):** The secret to Foaminator's dominance is patience. Unlike competitors that foam instantly, Foaminator is designed to remain in a dense, penetrating liquid state for 60 to 90 critical seconds.
- **Deep Core Penetration:** This delay allows the high-density fluid [Specific Gravity 1.24] to seep deep into the microscopic fissures and center rows of the coil. It travels to the source of the blockage—whether it's hidden cottonwood or deep-set grease—before the reaction triggers.
- **The "Inside-Out" Clean:** Once the liquid has fully saturated the core, the chemical reaction activates. A dense, powerful foam surges outward, pushing the debris OUT of the coil face rather than matting it deeper into the fins.

Unmatched Chemical Power & Lifting Action

Foaminator isn't just about the delay; it's about the chemistry.

- **Proprietary Surfactant Blend:** Creates the densest foam in the industry. This heavy foam clings to vertical surfaces longer, increasing dwell time to lift stubborn particulates like tar, nicotine, and lint.
- **Grease Saponification:** Powered by a high-concentration Sodium Hydroxide base [15%–30%] with a pH >13, Foaminator chemically converts insoluble cooking grease and oils into water-soluble soap. This allows even the greasiest restaurant units to be rinsed clean with water.
- **Restoring Brightness:** The alkaline chemistry aggressively strips dull oxide layers and "white rust" from aluminum fins, restoring the metal's brightness and thermal transfer capabilities.

Foaminator's Formula Secret Success



Benefits for Contractors: Performance Meets Safety

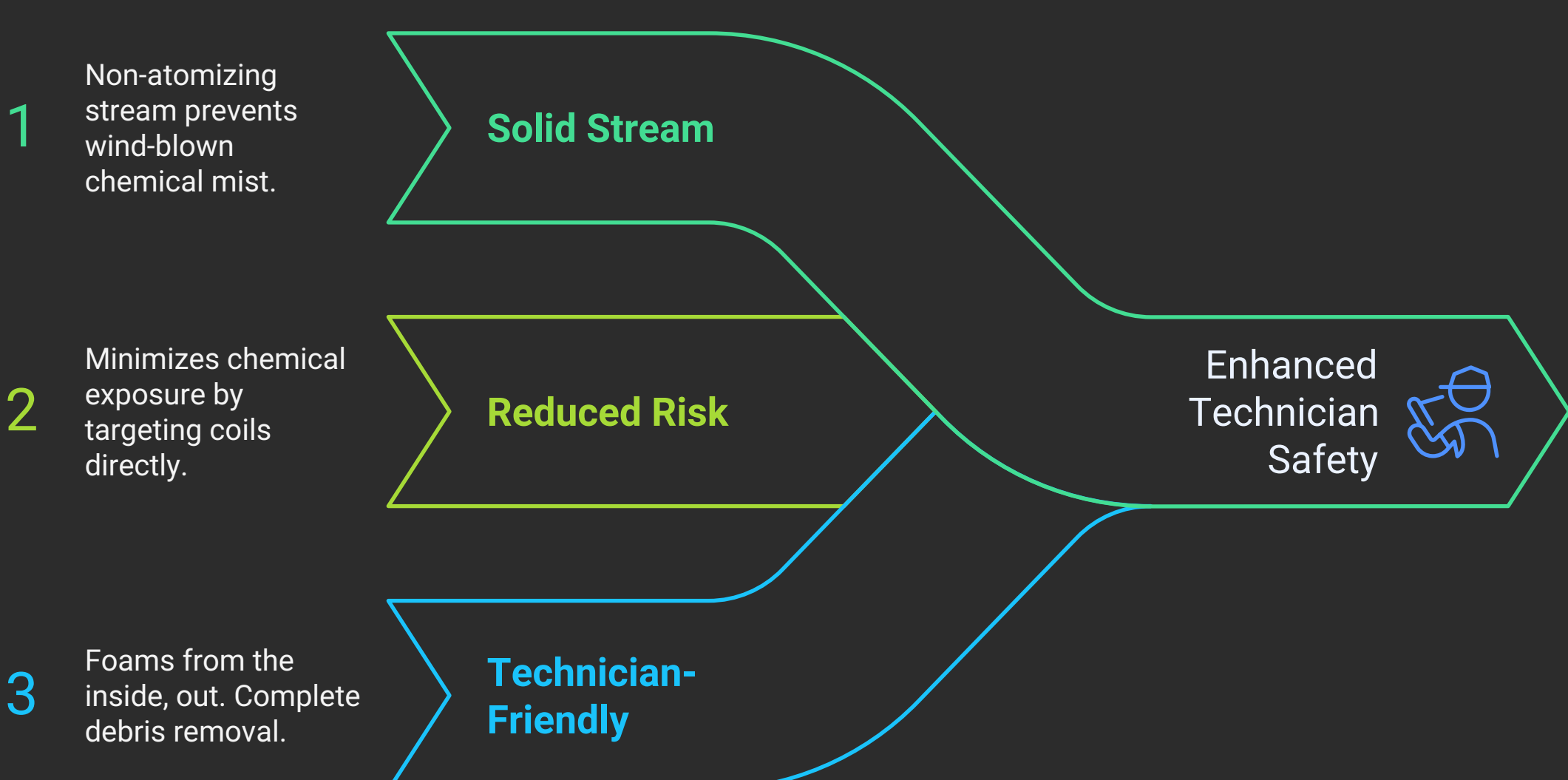
Safety on the rooftop is just as important as performance. Vapco engineered Foaminator to solve one of the most hated aspects of coil cleaning: the blow-back.

Enhanced Technician Safety: The Non-Atomizing Stream

Standard coil cleaners atomize into a fine mist when sprayed. On a windy day, this caustic cloud inevitably blows back onto the technician's skin, eyes, and clothes. Foaminator is different:

- **Solid Stream:** Foaminator utilizes a high-viscosity and surfactant dense formula. When mixed at industrial concentrations [3:1 to 5:1], it projects as a cohesive, non-atomizing stream rather than a mist.
- **Reduced Risk:** This unique physics allows the technician to "shoot" the cleaner deep into the coil without wind interference, drastically reducing the risk of chemical exposure.
- **Technician-Friendly:** Despite its power, Foaminator features a low-mist formula, meets USDA standards, and is biodegradable.

Foaminator's Advantages



Best Practice Application

To maximize the "Inside-Out" clean:

1. **Dilute:** Mix 1 part Foaminator with 3 parts water for heavy-duty jobs [always add chemical to water].
2. **Apply:** Spray from the bottom up to create a shelf of foam.
3. **Wait:** Allow the product to dwell for 5 to 8 minutes. Do not rinse immediately; let the time-delay work.
4. **Rinse:** Flush thoroughly from the top down.

Safety & Compatibility Warning: Contains Sodium Hydroxide. Causes severe skin burns and eye damage. Always wear chemical safety goggles, protective gloves, and chemical-resistant clothing. *Material Compatibility:* Designed exclusively for outdoor condenser coils (copper tube/aluminum fin). DO NOT USE on evaporator coils, coated micro-channel coils, or heat exchangers.

Value for Wholesalers: Economy & Logistics

For the purchasing agent and wholesaler, Foaminator represents a high-turnover, high-margin product that solves logistical headaches.

Extreme Economy: Stop Shipping Water

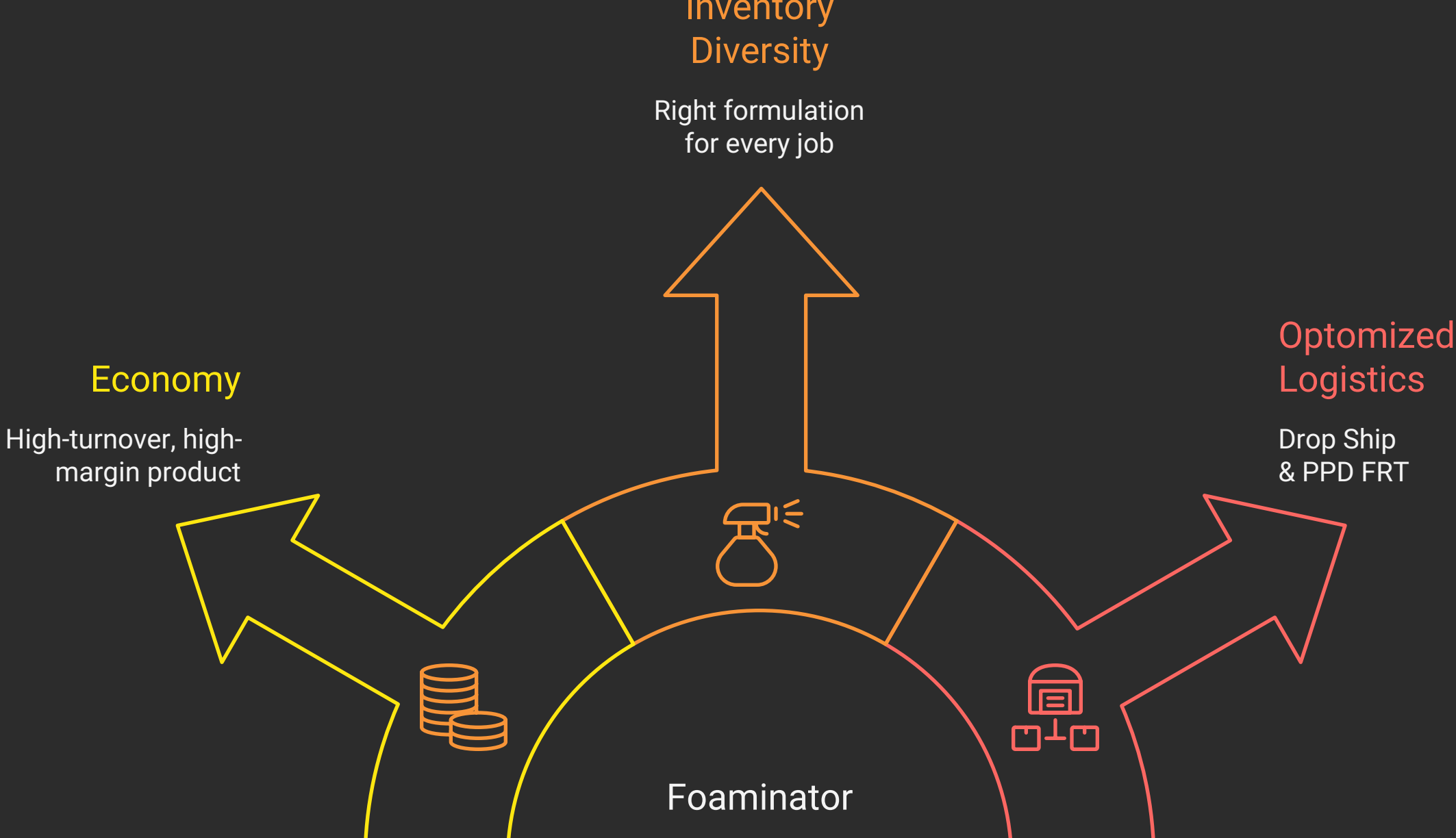
Many competitors sell "pre-diluted" formulas that are essentially water in a jug. Foaminator is a Super Concentrate.

- **High-Yield Math:** A single gallon of Foaminator can produce up to 11 gallons of cleaning solution for standard residential PM cleaning.
- **3:1 to 4:1:** Industrial strength for impacted or multi-row/deep coils.
- **8:1 to 10:1:** Residential strength for standard maintenance.
- **Inventory Efficiency:** By stocking one SKU that covers the entire spectrum of cleaning needs (from residential A/C to industrial rooftops), wholesalers can reduce shelf clutter and offer contractors better value per gallon.

Total Versatility & Logistics

- **Dual Color Options:** Available in Yellow [FM-Series] and Blue [FMB-Series]. The formula is identical; tailored for market preference.
- **Bulk Sizing:** Available in 1-Gallon bottles (Case of 4), 5-Gallon Pails for the shop, and 55-Gallon Drums for industrial contracts.
- **Format Options:** Also available in Aerosol and Powder [FMP-1] which ships Limited Quantity [LTD-QTY].
- **Shelf Stability:** 5+ years shelf life when stored properly, reducing spoilage risk.

Foaminator Solves Headaches



Conclusion: Restore Efficiency, Choose Foaminator

Foaminator is the coil cleaner that coil cleaners wish they could be. It represents a shift from "looking clean" to "being clean." By combining a proprietary delayed-action surfactant blend with a safety-focused non-atomizing stream, Vapco has created a product that serves the technician's safety and the wholesaler's bottom line.

Experience the difference: Unmatched cleaning power, revolutionary time-delayed action, and the confidence of buying from a true manufacturer.

Contact Us: Contractors, contact your local Vapco distributor today for pricing and availability on Foaminator [FM-1] and Foaminator Blue [FMB-1]. Wholesalers, contact us to get you setup as a Vapco Partner and see what else we can do for you.