

## **Nu-Calgon Evap Foam + Coil Cleaner**

# **Product Instruction Manual**

NU-Calgon 4171-75 Evap Foam No Rinse Evaporator Coil Cleaner & Frost King ACF19 Foam Coil  
Cleaner

Model: Evap Foam + Coil Cleaner

## **1. INTRODUCTION**

This manual provides detailed instructions for the safe and effective use of the NU-Calgon 4171-75 Evap Foam No Rinse Evaporator Coil Cleaner and the Frost King ACF19 Foam Coil Cleaner. These products are designed for cleaning various types of coils, including evaporator and condenser coils in HVAC systems, window air conditioners, auto radiators, and more.



Image 1.1: The NU-Calgon Evap Foam No Rinse and Frost King Foam Coil Cleaner products.

## 2. SAFETY INFORMATION AND PRECAUTIONS

Always read and understand all safety warnings and instructions before using these products. Failure to do so may result in injury or property damage.

## DANGER

- Contains gas under pressure; may explode if heated.

- Causes serious eye damage.

## PREVENTION

- Wear appropriate eye/face protection.
- Keep out of reach of children.
- Read carefully other cautions on the back panel of each product.

## RESPONSE (First Aid)

- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.
- **IF ON SKIN:** Wash off with water and soap. May be harmful if absorbed through skin. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
- **IF INHALED:** Remove to fresh air. Seek medical attention if symptoms persist.
- **IF SWALLOWED:** In the unlikely event of swallowing, contact a poison center or doctor.

## STORAGE

- Protect from sunlight.
- Keep away from heat, sparks, and flames.
- Do not expose to heat. Store at temperatures above 120°F (49°C) as the container may burst.
- Store in a well-ventilated place.



areas, where its use is not intended for direct or indirect food contact. Cover or remove all food products around the area where the product will be used.

Contains (1)  
Diethylene  
(111-90-0)  
Tetrasodium  
Liquefied Petroleum Gas



### DANGER

Contains gas under pressure.  
Causes serious eye damage.

**PREVENTION:** Wear eye/face protection.

**RESPONSE: IF IN EYES:** Rinse cautiously with water for several minutes, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. **IF ON SKIN:** Wash off with water and soap. May be irritating to skin. Frequent or prolonged contact may defat and dry the skin, causing dermatitis. **IF INHALED:** If symptoms develop, move victim to fresh air. If symptoms persist, immediately call a poison center or doctor. **IF SWALLOWED:** In the unlikely event of a poisoning, do not induce vomiting. Immediately call a poison center or doctor.

**STORAGE:** Protect from sunlight. Keep away from heat, sparks or flame. Do not puncture or incinerate container. Do not expose to heat over 120°F (49°C) as container may burst. Store in a well-ventilated area.

**DISPOSAL:** Dispose of waste and residues in accordance with local regulations.



DOT 2P M6

Image 2.1: Safety and usage information on the back of the NU-Calgon Evap Foam can.





Image 2.2: Safety and usage information on the back of the Frost King Foam Coil Cleaner can.

### 3. SETUP AND PREPARATION

1. **Power Disconnection:** Before servicing, always turn off or disconnect power to the unit you intend to clean. This is crucial for safety.
2. **Ventilation:** Ensure the area is well-ventilated.
3. **Personal Protective Equipment:** Wear appropriate eye/face protection. Gloves are also recommended to

prevent skin contact.

4. **Shake Can:** Shake the aerosol can well before use to ensure proper mixing of the contents.

## 4. OPERATING INSTRUCTIONS

These products are designed for easy application. Follow these steps for effective coil cleaning:

### Application Steps:

1. **Remove Cap:** Remove the protective cap from the aerosol can.
2. **Aim and Spray:** Point the nozzle toward the surface to be cleaned. Avoid spraying on electrical wires or connections.
3. **Saturate Area:** Thoroughly saturate the targeted coil area with the product. The blasting stream easily reaches into tight areas.
4. **Self-Rinsing Action:** For condensate-producing coils (like evaporator coils), the clinging foam is completely self-rinsing. The foam will break down, and the condensation produced during cooling will wash the emulsified matter off the coil.
5. **Optional Rinsing/Wiping:** If desired, or if using on non-condensation producing coils (e.g., condenser coils), you may wipe clean or rinse with water.
6. **Stubborn Deposits:** For extremely stubborn or heavy deposits, a repeat application may be necessary.
7. **Scrubbing Cap (Frost King ACF19):** The scrubbing cap on the Frost King ACF19 can be used for removing large, imbedded pieces of debris.
8. **Restore Power:** Once cleaning is complete and the area is clear, turn on or return power to the unit.



Image 4.1: Demonstrating the application of coil cleaner on an outdoor HVAC unit.

### Product Specifics:

- **NU-Calgon 4171-75 Evap Foam No Rinse:** High performance, heavy-duty detergent. Made with special surfactants and alkaline cleaner. Fortified with corrosion inhibitors, safe for use on metals and other materials. Pleasant lemon scent helps leave the area deodorized. NSF registered for use as a coil cleaner in and around food processing areas.
- **Frost King ACF19 Foam Coil Cleaner:** Heavy-duty foam detergent. Water-based. Can be sprayed in any position. Aggressive detergent quickly liquefies dirt, grease, oil, or other residue. Fortified with corrosion inhibitors. Will not harm drain pans, plastic, or other materials. Pleasant citrus fragrance helps leave the area cleaned and deodorized. Contains no CFCs, chlorinated or fluorinated solvents.

## 5. MAINTENANCE AND STORAGE

Proper storage ensures the longevity and effectiveness of the product.

- Store cans in a cool, dry, well-ventilated area.
- Keep away from direct sunlight, heat sources, sparks, and open flames.
- Do not expose to temperatures exceeding 120°F (49°C).
- Ensure caps are securely replaced after each use.

## 6. TROUBLESHOOTING

Most issues related to coil cleaning can be resolved by following the instructions carefully. If you encounter difficulties:

- **Insufficient Cleaning:** Ensure the coil was thoroughly saturated. For heavy deposits, a second application may be necessary.
- **Foam Not Breaking Down (Evaporator Coils):** Ensure the unit is producing condensation. If not, the self-rinsing action will not occur, and manual rinsing with water will be required.
- **No Foam/Weak Spray:** Ensure the can is shaken well before use. Check for any nozzle obstruction.

## 7. SPECIFICATIONS

Feature	Detail
Product Type	Evaporator and Coil Cleaner (Aerosol Foam)
Brand	Nu-Calgon & Frost King
Model	4171-75 (Nu-Calgon), ACF19 (Frost King)
Net Weight (Nu-Calgon)	18 oz. (510 grams)
Net Weight (Frost King)	19 oz. (539 grams)

Feature	Detail
Scent (Nu-Calgon)	Lemon
Scent (Frost King)	Citrus
Special Features	No Rinse (on condensate-producing coils), Non-Corrosive (Nu-Calgon), Low VOC (Frost King)
Usage	Evaporator coils, condenser coils, window AC units, central HVAC units, auto radiators, metal filters, fan blades, drain pans.
Item Form	Foam
Material Feature	Natural

## 8. DISPOSAL INFORMATION

Dispose of waste and residues in accordance with local authority requirements. Do not puncture or incinerate containers, even when empty.

## 9. WARRANTY AND SUPPORT

For specific warranty information or technical support, please refer to the manufacturer's official website or contact their customer service directly. Contact details are typically found on the product packaging or the manufacturer's website.

Manufactured for: Nu-Calgon Wholesaler Inc., 2008 Altom Court, St. Louis, MO 63146. Phone: 800-554-5499.

Website: [www.nucalgon.com](http://www.nucalgon.com)

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## Related Documents



### [Nu-Calgon Special HD CalClean: Heavy-Duty Coil Cleaner for Electronic Air Filters](#)

Discover Nu-Calgon Special HD CalClean, an extra-strong liquid detergent designed for effective cleaning of electronic air filters. Learn about its powerful formula, biodegradability, NSF registration, and simple application for removing tough dirt, grease, and smoke tar.

## Nu-Calgon Tri-Pow'r HD Coil Cleaner: Heavy Duty Degreaser, Detergent, and Deodorizer

A product bulletin detailing Nu-Calgon's Tri-Pow'r HD, a heavy-duty alkaline cleaner for air-cooled condensers, evaporator coils, permanent filters, fan blades, and motors. It highlights its positive emulsion technology for grease removal, available formulas (traditional, 4X concentrate, and Ultra Concentrate), and application methods.

## Nu-Calgon Cal-Blue Plus Gas Leak Detector Safety Data Sheet

Safety Data Sheet for Nu-Calgon Cal-Blue Plus Gas Leak Detector, including product identification, hazards, composition, first aid measures, fire-fighting measures, accidental release measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulatory information.

Documents - Nu-Calgon – Evap Foam Coil Cleaner

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# Nu-Calgon Product Bulletin

3-2

## A FOAMING, NO-RINSE CLEANER FOR COOLING COILS

- Cleans and deodorizes
- Easily sprays onto any angle... right up or upside down
- Self-rinsing, fast-breaking foam
- Pleasant lemon scent
- Biodegradable and NSF® registered\*
- Can be used with Talcos Aerosol Wand (4795-2)

### Description

Aero Foam® No Rinse® is a high performance, heavy-duty foam cleaner designed to remove dirt, oil, and grease, and algae stains that have been developed into a heavy, tenacious film. It is safe for use on most surfaces, including the reverse right side or up-side down, and is ideal for cleaning coils, but particularly suited for cleaning evaporator coils.

### Application

From fine oil and dirt, grease, and other residues quickly and safely. Since it is formulated with corrosion inhibitors, it is safe for use on most surfaces.

The product's fast-breaking foam is completely self-rinsing. After application, the foam will quickly wash the accumulated matter off. The aerosol product is fully biodegradable and is registered with the U.S. Environmental Protection Agency (EPA) with a pleasant lemon scent. For hard to reach areas, use in conjunction with Nu-Calgon's 27 oz. Talcos® Fresh® Aerosol Wand.

### Aerosol Products

#### Aero Foam No Rinse®

### Directions for Use

Turn off or disconnected power to the unit being serviced, and remove the coil and coil support from the unit. Remove coil and coil support from surface to be cleaned. Hold can vertically and spray directly onto the coil surface from every corner to enclose the entire surface. With this self-rinsing foam, no rinsing is required. Turn the unit back on to completely rinse the accumulated material. However, you may want to turn the unit off and spray again to remove any remaining residue. Turn the unit back on to completely rinse the coil. Turn the unit off again to remove any remaining residue. Turn on or return power to the unit.

### Packaging

477-75

Read and understand the product's label and Safety Data Sheet (SDS) for precautionary and first aid information.

For further information, contact Nu-Calgon Technical Support at 1-800-343-3636 or visit our website at [www.nucalgon.com](http://www.nucalgon.com). \*NSF registration applies to 477-17.

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