

COIL FRESH #1516

Aerosol Foaming Evaporator Coil Cleaner and Disinfectant



Features:

- No rinsing required
- One-step cleaning, disinfecting and deodorizing action
- EPA registered for HVAC applications
- Virucide, mildewstat (on hard, inanimate surfaces), fungicide (against pathogenic fungi)
- Disinfects against Legionella Pneumophila, Canine Parvovirus and Herpes Simplex Virus Type I and II
- Nonabrasive
- Water-based aerosol foam

Description:

COIL FRESH is a nonabrasive, one-step disinfectant cleaner for evaporator coils in small air conditioners, commercial air handling equipment, HVAC cooling coils and refrigeration equipment. It is effective against a wide variety of organisms and is EPA registered for HVAC applications. The water-based foam dissipates and runs off the coils into the catch pan where, after ten minutes of contact time, COIL FRESH disinfects the catch pan surface, controlling the listed organisms, including the bacteria that cause Legionnaires Disease.

Active Ingredients: n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chloride: 0.10%, n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chloride: 0.10%

Applications:

- Air Conditioners
- Refrigeration Equipment
- HVAC Cooling Coils
- Freezers
- Commercial Air Handling Equipment
- Central Cooling Systems

Solutions:

- Apartment Complexes
- County Agencies
- Golf Courses
- Hotels/Motels
- Bottling Plants
- Colleges/Universities
- Hospitals
- Industrial Plans
- City Agencies
- Food Processing Plants
- Nursing Homes
- Public Utilities



Product Characteristics:

Appearance:	White foam
Odor:	Citrus scent, moderate ammonia odor
pH:	12.3
Specific Gravity(H ₂ O):	1.00 @77°F (25°C)
Boiling Point:	>212°F (100°C)
Freezing Point:	<32°F (0°C)
Solubility (water):	100%
VOC:	16%
% Volatility by Volume:	>80%
Vapor Pressure (mm Hg):	17.5 @77°F (25°C)
Evaporation Rate:	<1 (slow)
Vapor Density (Air =1):	<1
Storage:	Store in a well-ventilated place.
Transport Information:	
Proper Shipping Name:	Aerosols, Ltd. Qty
UN Number:	UN1950
Class:	2.1
Packing Group:	N/A

Directions:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

To disinfect hard non-porous surfaces (such as HVAC catch pans and air conditioning evaporator coils), proceed as indicated below:

(1) Shake can before using. (2) Hold six to eight inches from surface to be treated. (3) Spray area until it is covered with a white foam. Allow foam to penetrate and remain wet for 10 minutes. No scrubbing necessary. (4) Wipe off with a clean cloth, mop or sponge.

MILDEWSTAT: To control mold and mildew on precleaned, hard, non-porous surfaces (such as floors, walls, tabletops) spray surfaces to be treated, making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth reappears.

DOT Placard:
Not available.

VOC Compliant:
Available only in AL, AR, FL, GA, IL, IN, KY, LA, MS, NC, OH, SC, TN, TX, VA & WV

Pictograms:



Signal Word:
WARNING.

Personal Protective Equipment Required:







SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1516	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	COIL FRESH	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Foaming Evaporator Coil Cleaner and Disinfectant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosol: Category 2 Liquefied Gas Eye Irritant: Category 2b	SIGNAL WORD: WARNING	SYMBOL:		
---	---------------------------------------	----------------	---	---

HAZARD STATEMENTS:

Flammable aerosol contains gas under pressure; may explode if heated. Causes eye irritation. This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS:

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
2-Butoxyethanol	111-76-2	5-10
Propane/n-Butane	68476-86-8	3-7
Isopropyl Alcohol	67-63-0	1-5
Ethylenediaminetetraacetic Acid (EDTA)	60-00-4	0.5-1.5
Potassium Hydroxide	1310-58-3	0.5-1.5

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation develops.

INHALATION:

Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

INGESTION:

Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.

ACUTE HEALTH HAZARDS:

Eyes: redness, tearing, blurred vision.

CHRONIC HEALTH HAZARDS:

None known.

NOTE TO PHYSICIAN:

There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, foam, water spray for cooling.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not applicable.

SPECIFIC FIRE-FIGHTING METHODS:

Cool fire exposed containers with water fog to prevent bursting.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

Wear NIOSH approved self-contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fume and decomposition products.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS:

Not applicable.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Refer to Section 8 for proper personal protective equipment.

SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with federal, state and local regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.

RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. Handling and Storage

HANDLING AND STORAGE:

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized Container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS:

Keep out of the reach of children.

INCOMPATIBILITY:

Strong acids, strong alkalis, strong oxidizing agents.

8. Exposure Controls / Personal Protection

CHEMICAL NAME	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Isopropyl Alcohol	500 ppm	400 ppm
Ethylenediaminetetraacetic Acid (EDTA)	15 mg/m3	Not Established
Potassium Hydroxide	2 mg/m3	2 mg/m3

PERSONAL PROTECTIVE EQUIPMENT:



Eye Protection: Safety glasses.

Skin Protection: Chemical resistant gloves. Wash hands thoroughly after handling.

Respiratory Protection: Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

ENGINEERING CONTROLS:

General ventilation and local exhaust recommended.

9. Physical & Chemical Properties

Appearance:	White Foam Aerosol	Flammability:	Flammable aerosol.
Odor:	Citrus scent, moderate ammonia odor	Flammability Limit-lower (%):	Not determined.
Odor Threshold:	Not determined.	Flammability Limit-upper (%):	Not determined.
pH:	12.3	Flash Point:	Not determined.
Boiling Point:	> 212°F (100°C)	Volatility Including Water:	> 80%
Freezing Point:	< 32°F (0°C)	Vapor Pressure:	17.5 @ 77°F (25°C)
Viscosity:	Not determined.	Evaporation Rate:	< 1
Specific Gravity:	1.00 @ 77°F (25°C)	Solubility (water):	100%
Solids (%):	3%	Auto-Ignition Temp:	Not determined.
VOC:	16%	Decomposition Temp:	Not determined.
Dielectric Strength (Volts):	Not applicable.	Vapor Density (Air=1):	<1
Partition Coefficient (n-octanol/water (Kow)):	Not determined.		

10. Stability & Reactivity Information

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable.

INCOMPATIBLE MATERIALS:

Strong acids, strong alkalis, strong oxidizing agents.

CONDITIONS TO AVOID:

Temperatures greater than 122°F and sources of ignition.

DECOMPOSITION PRODUCTS:

Oxides of carbon.

POSSIBLE HAZARDOUS REACTIONS:

None known.

11. Toxicological Information

2-Butoxyethanol (111-76-2) LD50 (Oral, Rat) 470 mg/kg; LC50 (Inhalation, Rat, 4 hr) 450 ppm; LD50 (Dermal, Rabbit) 220 mg/kg **Isopropyl Alcohol** (67-63-0) LD50 (Oral, Rat) 5045 mg/kg; LD50 (Oral, Rabbit) 5045 mg/kg; LD50 (Dermal, Rabbit) 12,800 mg/kg; LC50 (Inhalation, Rat, 8 hr) 16,000 ppm.

PRIMARY ROUTE OF ENTRY: Eyes, Ingestion, Inhalation, Skin.

Eyes: Causes mild irritation.

Skin: May cause mild irritation, dryness with prolonged or repeated contact.

Inhalation: Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

Ingestion: May cause gastrointestinal irritation, abdominal cramps.

MEDICAL CONDITION AGGRAVATED:

None known.

ACUTE HEALTH HAZARDS:

Eyes: redness, tearing, blurred vision.

CHRONIC HEALTH HAZARDS:

None known.

CARCINOGENICITY:

OSHA: No ACGIH: No NTP: No IARC: No OTHER: No.

12. Ecological Information**ECOLOGICAL INFORMATION:**

Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hrs) 100,000 mg/L.

BIODEGRADABILITY:

Component or components of this product are not biodegradable.

BIOACCUMULATION:

This product is not expected to bioaccumulate.

SOIL MOBILITY:

This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS:

None known.

13. Disposal Consideration

Dispose of in accordance with federal, state and local regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.

RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1.

UN/NA NUMBER: UN 1950

PACKAGING GROUP: Not applicable.

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: Not applicable.

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: Not applicable.

ENVIRONMENTAL HAZARDS WATER: Not applicable.

15. Regulatory Information**TSCA STATUS:**

All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

None.

SARA 311/312 HAZARD CATEGORIES:

SARA 313 REPORTABLE INGREDIENTS: 2-Butoxyethanol (111-76-2)

CLEAN WATER ACT: None.

STATE REGULATIONS:

California Proposition 65: None.

2-Butoxyethanol (111-76-2) Right-to-Know acts for New Jersey, Massachusetts, Pennsylvania, Rhode Island, Illinois, Florida, Minnesota; Massachusetts spill list.

INTERNATIONAL REGULATIONS:

2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION:

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Never throw container into fire or incinerator. EPA Reg. No. 44446-23

RCRA Status:

Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

16. Other Information

N/A = Not Applicable; N/D = Not Determined

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.

This product has been designed specifically for Homes, Nursing Homes, Institutions, Offices, Schools, Motels and Hotels.

STORAGE AND DISPOSAL: Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DISINFECTION: To disinfect hard non-porous surfaces (such as HVAC catchpans and air conditioning evaporator coils), proceed as indicated below: (1) Shake can before using. (2) Hold six to eight inches from surface to be treated. (3) Spray area until it is covered with a white foam. Allow foam to penetrate and remain wet for 10 minutes. No scrubbing necessary. (4) Wipe off with a clean cloth, mop or sponge. This product will not leave grit or soap scum. For heavily soiled areas, remove gross soil before treatment.

MILDEWSTAT: To control mold and mildew on pre-cleaned, hard, non-porous surfaces (such as floors, walls, table tops) spray surfaces to be treated, making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth reappears.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

PHYSICAL OR CHEMICAL HAZARDS: Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Never throw container into fire or incinerator.

FIRST AID

If swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

INGREDIENTS (CAS#): Water (7732-18-5), 2-Butoxy Ethanol (111-76-2), Propane/n-Butane (68476-86-8), Isopropyl Alcohol (67-63-0), EDTA (60-00-4).



**PRO
CHEM**

**Coil
Fresh**

EVAPORATOR COIL CLEANER & DISINFECTANT

**Limpiador y Desinfectante de
Serpentines en Evaporadores**

EPA Reg. No. 44446-23-11861

EPA Est. No. 44446-TX-1

**Virucidal Against
Canine Parvovirus
Disinfects Against
Legionella Pneumophila**

**Virucida Contra Parvovirus Canino
Disinfecta Contra Legionella Pneumofila**

NET WT. 18 OZ. (510 g)

ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	0.10%
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	0.10%
OTHER INGREDIENTS:	99.80%
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN
MANTENGA FUERA DEL ALCANCE DE LOS NIÑOS
CAUTION / PRECAUCIÓN**

SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON BACK PANEL
VEA PRECAUCIONES ADICIONALES EN EL PANEL TRASERO

Este producto ha sido diseñado específicamente para Hogares, Residencias, Instituciones, Oficinas, Escuelas, Moteles y Hoteles.

ALMACENAJE Y DESECHO: ¡No perforo o incinere! Si está vacío: Tire a la basura o recicle si es posible. Si está parcialmente lleno: Llame a la agencia local de desecho de sólidos o al 1-800-CLEANUP para instrucciones sobre como deshacerse del producto.

MODO DE USO: Es una violación a las leyes federales usar este producto en forma inconsistente con la etiqueta.

DESINFECCIÓN: Para desinfectar en superficies duras no porosas (como rejillas de ventilación, serpentines de evaporación de aire acondicionado), proceda de la siguiente manera: (1) Agite bien antes de usar. (2) Mantenga de seis a ocho pulgadas de la superficie que se va a tratar. (3) Rocíe el área hasta que esté cubierta por espuma blanca. Permita que la espuma permanezca por 10 minutos. No se necesita tallar. (4) Limpie con un trapo, trapeador o esponja. Este producto no dejará grano o jabón escoria. Para áreas muy sucias, quite el suelo grueso antes del tratamiento.

HONGOS Y MOHO: Para controlar el hongo y moho en una superficie dura y no porosa que ya ha sido limpiada (como pisos, paredes, mesas) rocíe las superficies que se van a tratar asegurándose de cubrir las por completo. Permita que se sequen por sí mismas. Repita el tratamiento cada semana o cuando vuelva a aparecer el hongo o moho.

DECLARACIONES PREVENTIVAS

PELIGRO A HUMANOS Y ANIMALES DOMÉSTICOS

PRECAUCIÓN: Causa irritación moderada en los ojos. Evite el contacto con los ojos, piel o ropa. Dañino si es ingerido o absorbido por la piel. Lave muy bien con agua y jabón después de usar y antes de comer, beber o fumar.

PELIGROS FÍSICOS Y QUÍMICOS: Contenido bajo presión. No use o almacene cercas del calor o llamas. Exposición a temperaturas de más de 130°F puede causar explosión. Nunca tire el envase al fuego o al incinerador.

PRIMEROS AUXILIOS

Si es ingerido:

Llame al centro de control de veneno o al médico para que le aconseje tratamiento. De a beber en vaso de agua si es posible. No induzca el vomito a menos de que se lo indique el centro de control de veneno o el médico. No de nada por la boca a una persona inconsciente.

Si entra en contacto con los ojos:

Abra el ojo y enjuague con cuidado y lentamente con agua por 15 ó 20 minutos. Remueva los lentes de contacto si es que los hay, después de 5 minutos y continúe enjuagando. Llame al centro de control de veneno o al médico para que le aconseje tratamiento.

Si entra en contacto con la piel o ropa:

Quite la ropa contaminada. Enjuague la piel inmediatamente por 15 ó 20 minutos. Llame al centro de control de veneno o al médico para que le aconseje tratamiento.

Si es inhalado:

Mueva a la persona al aire fresco. Si la persona no respira, llame al 911 o a una ambulancia, después de respiración artificial, preferiblemente boca a boca, si es posible. Llame al centro de control de veneno o al médico para que le aconseje tratamiento.

Tenga el contenedor del producto o etiqueta cuando llame al centro de control de venenos o al médico, o cuando se le atienda para ser tratado.

INGREDIENTES (CAS#): Agua (7732-18-5), Etanol Butílico (111-76-2), Propano/n-Butano (68476-86-8), Alcohol Isopropílico (67-63-0), EDTA (60-00-4).

**SOLD BY
PRO CHEM, INC.
PO BOX 1309**

**ALPHARETTA, GA 30004
(770) 740-2800 • www.procheminc.com**

Made in U.S.A.