

DrainFoam

Foaming Bacterial Formulation for Removal of Organic Material from Drain Lines and Non-Drain Areas

- ◆ Premium foaming biological cleaner
- ◆ Removes grease and organic waste from drain lines, cracks and crevices
- ◆ Can be applied by using manual or power-operated foamers
- ◆ Safe for all plumbing and washable surfaces
- ◆ Biodegradable, non-toxic, non-caustic and non-pathogenic
- ◆ Salmonella free

Description

Restaurants and other food service facilities often experience sanitation problems associated with the buildup of kitchen grease (organic waste) in drains, cracks and crevices, and under heavy equipment. These problems include fruit and drain fly infestations, foul odors, and clogged (slow) drains. When grease settles in these hard-to-access areas, foaming a biological cleaner is often the most effective treatment method.

DrainFoam™ produces a high-quality thick foam that “clings” to drain sides and up, under, and behind equipment. **DrainFoam™** contains a proprietary blend of concentrated bioenzymatic actives that break down long-chain fatty acids -- the primary component of problem grease deposits. **DrainFoam™** can be applied with manual or power-operated foamers (available from all major equipment manufacturers). **DrainFoam™** may also be mixed with IGR's and pyrethrins.

When used regularly (once or twice per month), **DrainFoam™** is an excellent addition to any sanitation program. For best results, the program should also include frequent removal of trash, proper storage of all food products, and daily floor mopping with a biological product such as **BioMop™**.

Product Characteristics

Bacteria Type:	Blend of Bacillus Spores
Salmonella:	Negative
Appearance:	Tan opaque liquid
Fragrance:	Slight
Stability:	2 years+ at 35°F to 95°F
pH Value:	8.5- 9.5

Storage and Handling

Store in cool, dry place. Avoid eye contact. Wash hands thoroughly with warm, soapy water after contact.

Availability

- 128 Fl. Oz. (1 Gallon) - 3.79L - 4 Bottles/Case
- 5 Gallon (18.95L) Pails

Additional Information

www.bio-systems.com

American Bio-Systems

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customersupport@bio-systems.com • www.bio-systems.com

Section 1 - Product

Product Name	Manufacturer/Distributor	Emergency Telephone Number
DrainFoil	American Bio-Systems, Inc.	Phone: (888) 371-3353 Inquiry: American Bio-Systems, Inc. Emergency: (888) 371-3353 Outside USA: (888) 371-3353

Section 2 - Ingredients

INGREDIENT	CAS NO.	OSHA TWA	AGCIH TWA
Proprietary Formulation Containing Microorganisms	NA	NA	NA

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED ARE EITHER PROPRIETARY, NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%.

Section 3 - Physical Characteristics

Specific Gravity	Approx. 1.0	Boiling Point	100C
Vapor Pressure	= water	Melting Point	N/A
Solubility in Water	Complete	pH	8.5 - 9.5
Appearance	Tan opaque liquid	Odor	Slight

HMIS rating (0-4): Health = 1, Fire = 0, Reactivity = 0

Section 4 - Fire/Explosion

Flash Point (Deg C)/Method Used	NA
LEL	NA
UEL	NA
Extinguishing Media	Water spray, carbon dioxide, and dry chemical powder
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None known

Section 5 - Reactivity Data

Stability	Stable
Incompatibility	Not known
Hazardous Decomposition or By Products	Not known
Hazardous Polymerization	Will not occur

Section 6 - Health Hazard Data

Acute Health Affects

Ingestion	Ingestion may result in abdominal pain, nausea and vomiting.
Eyes	This product may cause eye irritation.
Skin Contact	Could cause skin irritation after prolonged contact.

Section 6 - Health Hazard Data (continued)

Acute Health Affects (continued)

Conditions to Avoid	Strong acids or alkali compounds.
Inhalation	Inhaling mist from this product could cause irritation to the respiratory system.
Signs and Symptoms of Over Exposure	None known.
Aggravated Medical Conditions	None known, however persons with respiratory problems should avoid breathing any mist from this product.

Emergency First Aid Procedures

Eye Contact	Rinse eyes with water for fifteen minutes; if irritation persists, see a physician.
Skin Contact	Wash the product off the skin with soap and water; if irritation develops, seek the care of a physician.
Ingestion	Watch victim for any signs of illness, induce vomiting only if advised by a physician.
Inhalation	Move person to fresh air and avoid breathing mist from product. If breathing problems develop, seek the care of a physician.

Section 7 - Spill or Leak Procedures

Steps to be taken in case material is spilled or leaked:

Waste Disposal Method: Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local laws.

Precautions To Be Taken In Handling and Storage: Store in a location away from children, food items and potable water.

Always wash hands with soap and water before handling food or smoking.

Use good chemical hygiene practices when working with any chemical.

Other Precautions: None

Section 8 - Control Measures (PPE)

Ventilation	Local exhaust should be sufficient. If used in a manner that creates a mist, mechanical ventilation may be necessary.
Respiratory protection	None required for normal use.
Protective gloves	Recommended. Disposable nitrile gloves are suitable for preventing prolonged contact with the skin.
Other protective clothing	None required, however, avoid contact with the skin from soiled clothing.
Eye protection	Safety glasses with side shields or splash goggles are recommended to prevent eye contact.

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state and local laws.

DrainFoam

FOAMING BACTERIAL FORMULATION FOR REMOVAL OF ORGANIC MATERIAL FROM DRAIN LINES AND NON-DRAIN AREAS

FÓRMULA BACTERIAL ESPUMANTE PARA LA ELIMINACIÓN DE MATERIAL ORGÁNICO DE LÍNEAS DE DESAGÜE y ÁREAS NO DE DRENAJE

Description

DrainFoam™ is specifically designed for cleaning drains and hard-to-access corners, cracks and crevices when foaming is the preferred method of application. **DrainFoam™** “clings” to drain sides and up, under, and behind equipment. **DrainFoam™** contains a proprietary blend of concentrated bioenzymatic actives for degrading the most resistant grease molecules, the long-chain fatty acids. **DrainFoam™** can be applied with manual or power-operated foamers.

Instructions For Use

FOR DRAINS

- 1) Mix 4 ounces of **DrainFoam™** with 1 quart of water (16 ounces of **DrainFoam™** with 1 gallon of water) and pour into foamer. Follow foamer instructions for best foaming results.
- 2) Foam into drain as deep as possible (4 to 6 feet is recommended) and around edge of drain and drain cover. If necessary, cover part of drain opening when foaming to force foam down the drain. Apply at time of lowest drain use, and avoid using drain until foam has collapsed. Do not use other drain cleaning products with **DrainFoam™**. (**DrainFoam™** may be mixed with IGR's or pyrethrins.)
- 3) Repeat application every 2 to 4 weeks as needed to maintain drains.

FOR CRACKS AND CREVICES

- 1) Mix 4 ounces of **DrainFoam™** with 1 quart of water (16 ounces of **DrainFoam™** with 1 gallon of water) and pour into foamer. Follow foamer instructions for best foaming results.
- 2) Foam into cracks, crevices and other areas where organic material has accumulated.
- 3) Repeat application weekly until organic material has been removed.

Precautionary Statements Hazards to Humans & Domestic Animals

CAUTION

HARMFUL IF SWALLOWED: Ingestion may cause abdominal pain, nausea, or vomiting.

HARMFUL IF INHALED: Inhalation may cause irritation to lungs and mucous membranes.

CAUSES MODERATE EYE IRRITATION: Contact with eyes may cause eye irritation.

FIRST AID

IF SWALLOWED: Watch for any signs of illness. Induce vomiting only if advised by physician.

IF INHALED: Remove person to fresh air. If breathing problems develop, see a physician.

IF IN EYES: Rinse eyes with water for 15 minutes. Call a physician if irritation persists.

Descripción

DrainFoam™ ha sido diseñado específicamente para la limpieza de desagües y esquinas, grietas y hendiduras de difícil acceso en situaciones en que la espuma es el método preferido de aplicación. **DrainFoam™** “se cuelga” a los costados del desagüe y arriba, debajo y detrás de los equipos. **DrainFoam™** contiene una mezcla patentada de bioenzimáticos activos para degradar las moléculas de grasa más resistentes, la larga cadena de ácidos grasos. **DrainFoam™** puede aplicarse con espumadores manuales y eléctricos.

Instrucciones De Uso

PARA DESAGÜES

- 1) Mezcle 4 onzas de **DrainFoam™** con 1 cuarto de agua (16 onzas de **DrainFoam™** con 1 galón de agua) y vierta en el espumador. Siga las instrucciones del espumador para obtener óptimos resultados en cuanto a la espuma.
- 2) Vierta la espuma en el desagüe tan profundamente como sea posible (de 4 a 6 pies es lo recomendado) y alrededor del borde del desagüe y de la rejilla. De ser necesario, cubra parte de la abertura del desagüe cuando vierta espuma a fin de forzar ésta hacia el interior del desagüe. Aplique en el momento de menos uso del desagüe y evite usar éste hasta que la espuma haya desaparecido. No use otro producto de limpieza de desagües junto con **DrainFoam™**. (**DrainFoam™** puede mezclarse con reguladores de crecimiento de insectos (I.G.R., por su sigla en inglés) o con piretrinas.)
- 3) Repita la aplicación cada 2 a 4 semanas, según sea necesario para el mantenimiento de los desagües.

PARA GRIETAS Y HENDIDURAS

- 1) Mezcle 4 onzas de **DrainFoam™** con 1 cuarto de agua (16 onzas de **DrainFoam™** con 1 galón de agua) y vierta en el espumador. Siga las instrucciones del espumador para obtener óptimos resultados en cuanto a la espuma.
- 2) Vierta la espuma en grietas, hendiduras y demás áreas donde se haya acumulado material orgánico.

Declaraciones Precautorias Riesgos Para Seres Humanos y Animales Domésticos

PRECAUCIÓN

PERJUDICIAL EN CASO DE INGESTA: La ingesta puede causar dolor abdominal, náuseas o vómitos.

PERJUDICIAL EN CASO DE INHALACIÓN: La inhalación puede causar irritación de los pulmones y membranas mucosas.

CAUSA IRRITACIÓN MODERADA DE LOS OJOS: El contacto con los ojos puede causar irritación.

PRIMEROS AUXILIOS

EN CASO DE INGESTA: Observe signos de enfermedad. Induzca el vómito sólo si así lo indica el médico.

EN CASO DE INHALACIÓN: Saque a la persona al aire fresco. Si tiene problemas para respirar, llame a un médico.

EN CASO DE CONTACTO CON LOS OJOS: Enjuague los ojos con agua durante 15 minutos. Si la irritación persiste, llave a un médico.

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Information Call (888) 371-3353
Made in U.S.A.