



Bioscience, Inc.

Environmental Products and Services

ISO 9001:2008 Certified

Autorelease Cartridge System (ARCS)

(FOG Removal and Odor Control)



Description

This automated cartridge delivery system contains a water based suspension of preselected, adapted microorganisms used to treat fats, oils, and greases (FOG) in drain lines of food service establishments. This product consumes the regular buildup of FOG with a by-product of water and carbon dioxide in order to keep drains, drain lines and traps free flowing and to reduce odors.

Applications

ARCS is designed for use in commercial kitchen drains to remove and prevent buildup of FOG, reduce odors, and increase the flow of used water while eliminating the need for the use of harsh chemicals. This system also reduces the need for hydro-jetting. The contents of each cartridge, when injected using the automated dispenser, treats drains receiving the waste generated by up to 750 meals per day. Each dosing system (cartridge and dispenser) is programmable, but it is typically set up for a 30-day release schedule.

Features

- Fully Automated
- Eliminates Need for Harsh Chemicals
- Inexpensive to Apply
- Long Shelf Life
- Safe, Easy to Use and Handle
- Programmable
- Reduces Costs for Other Chemicals
- Low Maintenance
- Small Footprint
- “Green” Product

Product Characteristics

Appearance	Water suspension
Contents	Naturally-occurring bacterial strains
Nominal Microbe Content	Contains approximately 2.75×10^{12} cfu/gallon
Shelf Life	Two years at 35°-95°F (2°-35°C)



Application, Storage and Handling

For best results, apply this product under the following conditions:

CONDITION	RANGE	OPTIMUM
pH	6 – 8	7
Temperature	39°-95°F (4° – 35°C)	90°F (32°C)

Store the cartridges in a cool, dry location. DO NOT FREEZE. If cartridge contents contacts skin or eyes, flush thoroughly and repeatedly with water. SHAKE WELL before installation.



Before



After

DISCLAIMER

The information contained in this data sheet is a guide to the use of Bioscience products and is based on test and information believed to be reliable. Product content and specifications are subject to change without notice. All information is given to and accepted by user at user's risk and confirmation of its validity and suitability to particular cases should be obtained independently. Bioscience, Inc. makes no guarantee of results and assumes no obligation or liability in connection with the information contained herein. Bioscience, Inc. does not warrant against infringement of, and this data sheet is not to be construed as a license to operate under, any patents.

966 Postal Road, Suite 200 • Allentown, PA 18109 • (484) 245-5232 • Fax (484) 245-5236
 E-mail: bioscience@bioscienceinc.com • Website: www.bioscienceinc.com