



Bioscience, Inc.

Environmental Products and Services

ISO 9001:2008 Certified

MICROCAT®-DNTRF

**Drain and Trap Bioformula for Institutional, Municipal
and Domestic Plumbing and Sewer Maintenance**

Description

MICROCAT-DNTRF is a synergistic blend of preselected, adapted microorganisms for liquefying and degrading greases and fats and maintaining plumbing systems and collection systems free of blockages. **MICROCAT-DNTRF** also contains enzymes and additional synergistic ingredients for keeping drains and traps clear and free-flowing and is compatible with Bioscience's Dry Product Feeder for easy application.

Applications

In many areas toxic chemical drain and trap cleaners are being banned. **MICROCAT-DNTRF** can help. Grease, fat and related materials tend to solidify and build up in grease traps, plumbing lines, lift stations and sewer lines. **MICROCAT-DNTRF** is formulated to liquefy, biodegrade and therefore minimize the buildup of these materials in the plumbing and collection systems without causing downstream problems. When used regularly, **MICROCAT-DNTRF** can save plumbing and sewer system maintenance dollars by minimizing clogged, poor flowing drains, traps, lines and pumping stations.

BEFORE



AFTER



Product Characteristics

Appearance	Beige, fine powder
Contents	Preselected, adapted microorganisms, surfactants, buffers and enzymes
Nominal Microbe Count	Formulated to contain $>5 \times 10^9$ /gram
Shelf Life	Two Years
Packaging	25 Lb (11.3 Kg) plastic pails/ 220 Lb (100 Kg) fiber drums, 1Lb packets available

Application Programs

In general, **MICROCAT-DNTRF** is mixed with water and added directly to the drain, trap or lift station. Your Bioscience, Inc. Technical Representative will prepare a preventive maintenance schedule for your plumbing system.

Optimal Application Conditions

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

CONDITION	RANGE	OPTIMUM
Dissolved Oxygen, ppm	0 - 0.5	0.5
pH	6 - 9	7
Temperature, °C	10 - 40	35
Toxic Heavy Metals, ppm	Trace	None

If your system is operating outside these ranges, contact your Bioscience, Inc. Technical Representative for a complete system survey and recommendations.

Storage and Handling

Storage	45° - 105° F (7° - 40° C) Dry conditions; DO NOT FREEZE.
Handling	CAUTION Avoid inhalation of dry powder or liquid mist. Avoid exposing skin to dry powder or strong solution as irritation may result. If material contacts skin or eyes, flush thoroughly and repeatedly with water.

MICROCAT® is a registered trademark of Bioscience, Inc.

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