

MICROCAT®-SXMRF

Grease and Fat Bioformula for Wastewater Treatment Plants and Sewer Systems



Description

MICROCAT-SXMRF grease and fat bioformula is a synergistic blend of preselected, adapted microorganisms which break down and degrade fats, oils and greases (FOG).

It is formulated with grease and fat degraders for enhancement of plant operation and maintenance of free-flowing sewer lines and lift/pump stations. **MICROCAT-SXMRF** contains a combination of aerobic and facultative anaerobic microorganisms selected from nature for their ability to break down a broad range of substances encountered in domestic wastes and sludges (greases, fats, proteins and polysaccharides).

Applications

MICROCAT-SXMRF grease and fat bioformula is used in collection systems, lift/pump stations, biological wastewater treatment plants, and aerobic and anaerobic sludge digesters.

Product Characteristics

Appearance	Beige, fine powder
Contents	Preselected, adapted microorganisms
Nominal Microbe Count	Formulated to contain $>5 \times 10^9$ /gram
Shelf Life	Two years
Packaging	25 lb (11.3 Kg) pails 220 lb (100 Kg) fiber drums, *1/2 lb and 1lb packets available

Application Programs

In general, **MICROCAT-SXMRF** Bioformula is applied on a regular preventive maintenance basis. Application programs range from about one pound per MGD per day to 25 pounds per MGD per day for upset recovery. Your Monera Technologies Corporation Technical Representative will provide you with a custom-tailored application program to fit the specific needs of your treatment system.

Optimal Application Conditions

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

CONDITION	RANGE	OPTIMUM
Dissolved Oxygen, ppm	0 - 2.5+	≥2.0
pH	6 - 9	7
Temperature, ° C	10 - 40	35
Toxic Heavy Metals, ppm	Trace	None
Nutrients: BOD: NH ₃ -N BOD: PO ₄ -P	10 : 1 - 20 : 1 100 : 1 - 200 : 1	20 : 1 100 : 1

If your system is operating outside these ranges, contact your Monera Technologies Corporation 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	WARNING: See Safety Data Sheet. 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 Monera Technologies Corporation

The information contained in this data sheet is a guide to the use of **MICROCAT** 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. Monera Technologies Corporation makes no guarantee of results and assumes no obligation or liability in connection with the information contained herein. Monera Technologies Corporation does not warrant against infringement of, and this data sheet is not to be construed as a license to operate under, any patents.