



Bioscience, Inc.

Environmental Products & Services

ISO 9001:2015 Certified

MICROCAT[®]-CC

Composting Bioformula
for Agricultural, Industrial and Domestic Refuse



Description

MICROCAT-CC is a synergistic blend of preselected, adapted microorganisms for use in composting agricultural, industrial and domestic refuse and sludges.

Applications

Many agricultural, industrial and domestic solid residues can be composted and converted into excellent soil conditioners of high nutrient value. On a small scale, this is readily accomplished. On a commercial scale, however, problems are frequently encountered with incomplete or erratic localized conditions within the composting mass. When used on a regular basis, **MICROCAT-CC** can help. **MICROCAT-CC** provides a uniform starter culture for improved overall composting speed and compost end product consistency.

Product Characteristics

Appearance	Tan, granular powder
Contents	Preselected, adapted microorganisms
Nominal Microbe Count	Formulated to contain 3×10^9 /gram
Shelf Life	Two Years
Packaging	Fifty / Twenty-five pound (22.7 / 11.4 Kg) plastic drums

Application Programs

In general, **MICROCAT-CC** is mixed with water and added to the material to be composted. Your Bioscience, Inc. Technical Representative will provide you with a custom-tailored application schedule to fit the specific needs of your program.

Optimal Application Conditions

CONDITION	RANGE	OPTIMUM
Oxygen, ppm	Available	High Availability
pH	6 – 9	7
Temperature, °C	10 –80	N/A
Toxic Heavy Metals, ppm	Trace	None
Nutrients:		
BOD: NH ₃ -N	10:1 – 10:0.5	10:1
BOD: PO ₄ -P	100:1 – 100:0.5	100:1

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.

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. 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.

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