



Bioscience, Inc.

Environmental Products & Services

ISO 9001:2015 Certified

MICROCAT®-DL

Deodorizer/Liquefier Bioformula for Animal Waste



Description

MICROCAT-DL is a synergistic blend of preselected, adapted microorganisms for deodorizing and liquefying animal droppings. **MICROCAT-DL** contains enzymes and additional synergistic ingredients for improving the quality and utility of reusable animal waste residues.

Applications

Accumulated animal droppings tend to solidify and decompose in storage pits, making transport and reuse expensive, difficult and messy. **MICROCAT-DL** is formulated to liquefy and deodorize animal droppings, making reuse easier, cheaper and more pleasant. Animal droppings are an important potential source of nitrogen for plant growth. Many of the nitrogen-bearing compounds in manure are volatile, however. They tend to escape to the atmosphere as odor-causing agents when manure is pumped. **MICROCAT-DL** is formulated to help retain these nitrogen values in the manure and thus enhance its fertilizer value.

Product Characteristics

Appearance	Tan, granular powder
Contents	Preselected, adapted microorganisms, surfactants, buffers and enzymes
Nominal Microbe Count	Formulated to contain $>3 \times 10^9$ /gram
Shelf Life	Two Years when properly stored
Packaging	25 Lb (11.3 Kg) plastic drums or 220 Lb (100 Kg) fiber drums

Application Programs

In general, **MICROCAT-DL** is mixed with water and sprayed on, or sprinkled directly into, the manure pit with mixing. Your Bioscience, Inc. Technical Representative will prepare an application schedule tailored to your waste management program.

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.

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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.