

MICROCAT[®]-ALF

Fish Farming Formula



Description

MICROCAT-ALF Fish Formula is a synergistic blend of preselected, naturally-occurring, non-pathogenic beneficial microorganisms for use in improving and maintaining water quality in fish farming operations. **MICROCAT-ALSH** is available in various forms suited to a wide variety of water quality and aquaculture applications.

Applications

Fish farmers from time to time encounter difficulties in achieving desired water quality in their growth impoundments. This is especially true in sunny, warm climates where fish are commonly grown. **MICROCAT-ALF** is formulated with natural, beneficial microbes and flocculant aids for improving impoundment water quality, stabilizing impoundment microbial biomass including algae, reducing fish mortality and improving fish quality. **MICROCAT-ALF** contains a combination of aerobic and facultative anaerobic cultures selected from nature for their ability and shown in field applications to aid the growth cycles of commonly farmed fish species such as tilapia.

Product Characteristics

Appearance	Light beige, granular powder
Nominal Contents	Natural, preselected, adapted microorganisms and flocculant aids
Microbe Count	$>3 \times 10^9$ CFU /gram

Shelf Life	Two Years
Packaging	25 Lb (11.3 Kg) plastic pails/ 220 Lb (100 Kg) fiber drums

Application Programs

In general, **MICROCAT-ALF** is mixed with water and applied directly to fish impoundments on a regular, preventive maintenance basis for stabilizing the impoundment microbial biomass and improving water quality. Application programs average about 1.0 pounds (0.45 Kg) per hectare (2.47 acres) for quick system initiation to 0.5 pound (0.23 Kg) per hectare (2.47 acres) per week for prevention. Your Monera Technologies Corporation Technical Representative will provide you with a custom-tailored application program at your request.

ALF is also available as a cold weather formula, **ALFC**. Both formulas are available as a concentrate at triple the nominal microbial count.

Optimal Application Conditions

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

CONDITION	RANGE	OPTIMUM
Dissolved Oxygen, ppm	5.0 to Saturation	5.0+
pH	7 - 8	7.6
Temperature, ° C	15 - 40	35
Toxic Heavy Metals, ppm	Trace	Trace

If your farm 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	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. 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.

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