

## Fish farming Bioformula

■ **DESCRIPTION:**

**MicroAktiv®-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. **MicroAktiv®-ALF** 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. **MicroAktiv®-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. **MicroAktiv®-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
Contents	Natural, preselected, adapted microorganisms and flocculant aids
Nominal Microbe Count	>3 x 10 <sup>9</sup> CFU/gram
Shelf Life	> Two Years (when stored properly)
Packaging	11.3 Kg plastic pails / 100 Kg fiber drums



■ **APPLICATION PROGRAMS:**

In general, **MicroAktiv®-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 0,45 Kg per hectare for quick system initiation to 0,23 Kg per hectare per week for prevention. **MicroAktiv®-ALF** is also available as a cold weather formula, **MicroAktiv®-ALFC**. Both formulas are available as a concentrate at triple the nominal microbial count. Your **MicroAktiv®** technical representative will provide you with a custom-tailored application schedule to fit the specific needs of your program.

■ **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 system is operating outside these ranges, contact your **MicroAktiv®** technical representative for recommendations.

■ **STORAGE AND HANDLING:**

<b>Storage</b>	7° - 40° C (45° - 105° F) Dry conditions; DO NOT FREEZE
<b>Handling</b>	<p style="text-align: center;"><b>CAUTION</b></p> <p>The product contains class 1 microbes, defined by EEC Directive 2000/54, which are unlikely to cause disease in healthy humans and animals. However, individuals with compromised immune systems or a history of severe allergic reactions/reactions should avoid contact with open wounds and/or inhalation of dust or mists from product handling or manufacturing process.</p> <p>EUH208: Contains protease and amylase. May cause an allergic reaction.</p>

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