

Bioformula for Algae Control in water depots

■ DESCRIPTION:

MicroAktiv®-AL3 is a mixture of selected, adapted micro-organisms to combat and prevent algae growth in water basins. It can be used in water depots of greenhouse complexes, but also in garden ponds, lakes, fish ponds and other slow-flowing water bodies.



■ APPLICATIONS:

Algae are not pathogens, but they do pose a threat to the watering system, as they cause blockages in the filters. In addition, they reduce the uniformity and quality of the irrigation water. Algae is usually a seasonal problem from March to September. By taking the right measures, the problem can be easily solved and prevented.

MicroAktiv®-AL3 is formulated with natural micro-organisms and flocculating aids to reduce algae build-up, **MicroAktiv®-AL3** contains a combination of aerobic and facultative anaerobic micro-organisms selected from nature for their ability to compete with algae for nutrients and flocculants to accelerate the sedimentation of various types of algae and other suspended matter in slow-flowing, shallow water bodies such as water depots in greenhouse horticulture.

■ PRODUCT CHARACTERISTICS:

Appearance	Light brown, fine powder
Ingredients	Natural, selected, adapted micro-organisms and flocculants
Nominale Microbe Count	>3 x 10 ⁹ /gram
Shelf life	> Two years (when properly stored)
Packaging	11,3 Kg plastic pails / 100 Kg fiber drums



■ **APPLICATION PROGRAM:**

In general, **MicroAktiv®-AL3** is dosed directly into the water body. It is advisable to use a preventive maintenance dose to suppress algae growth. **MicroAktiv®-AL3** is dosed 3 times over a period of 28 days.

General **MicroAktiv®-AL3** dosing schedule for waterdepots and ponds:

Initial Application:	2 kg/1000m ³ of pond volume
Second Application (after 2 weeks):	1 kg/1000m ³
Third Application (after 2 weeks):	0.5 kg/1000m ³
Every 2 weeks:	0.5 kg/1000 m ³

Your **MicroAktiv®** representative will recommend an application program that meets your specific needs.

■ **OPTIMAL APPLICATION CONDITIONS:**

For best results, dose the product under the following conditions:

CONDITION	RANGE	OPTIMUM
Dissolved oxygen, ppm	0 - 1.0	0,5
pH	6 - 9	7
Temperature, ° C	5 - 40	N/A
Toxic Heavy Metals, ppm	Trace	Trace

If your system falls outside these values, please contact your **MicroAktiv®** representative for a complete system analysis and recommendations.

■ **STORAGE & HANDLING:**

Storage	7° - 40° C; Store in dry conditions at room temperature; DO NOT FREEZE
Handling	<p style="text-align: center;">CAUTION</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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