DEVELOPMENT AND PRODUCTION OF PROFESSIONAL BIOLOGICAL PRODUCTS

Multilab LLC

MULTI LAB × aquavicin

multi-lab.pro

ABOUT COMPANY

Multilab LLC — developer and manufacturer

About

The parent company is a member of the RAWW (Russian Association of Water Supply and Sanitation).

Manfacture

Developing and manufacturing the "Aquavicin"® biological product series since 2020.

Collaboration

Collaborating with the country's leading specialized institutes to conduct expertise and pilot-industrial trials.

Scientific activity

Resident of the MSU Innovative Science and Technology Center "Vorobyovy Gory".

SCOPE OF APPLICATION

Solutions for business and the private sector

B2B · ORGANIZATIONS

For enterprises, government agencies, and small businesses

Industrial effluent treatment, soil and water remediation, specialized solutions for HoReCa (Hotels, Restaurants, Cafes), and agricultural farms.

Wastewater | Remediation | Farms | HoReCa

B2C · HOME AND GARDEN

For home and garden

Septic tank maintenance, fertilizers, composting, and general biocontrol of the property.

Septic tanks | Fertilizers | Compost | Biocontrol

ABOUT THE PRODUCT

What Is Aquavicin®?

A liquid bacterial bioproduct for water and soil treatment. It improves the efficiency of biological treatment at wastewater treatment facilities and helps restore bodies of water.

11 natural strains

Degrading microorganisms selected to break down various types of contaminants.

Biological treatment

Used at wastewater treatment facilities to improve biological treatment efficiency.

Water and soil

Restores areas contaminated with petroleum products and organic matter.

Safe to use

During contaminant breakdown, carbon dioxide, water, and harmless compounds are produced.

WHAT PROBLEMS DOES "AQUAVICIN" SOLVE?

Effective elimination of key contaminants

1 Petroleum products
Elimination of contamination in water and soil.

2 Nitrification process disruption
Building up and normalizing biological processes in water.

3 Oxygen demand
Reducing high COD (Chemical Oxygen Demand) and BOD (Biochemical Oxygen Demand) levels.

4 Unpleasant odor
Complete neutralization of odors.

5 Biological waste
Accelerating physicochemical and biological processes of sludge dewatering and organic waste composting.

HOW IT WORKS

3 Simple Technological Steps

1 Environmental introduction

Bacteria utilize organic pollutants (nitrogen, phosphorus, sulfur, etc.) as a nutrient source.

2 Substance absorption

Enzymes secreted by the microorganisms break down persistent organic compounds.

3 Release of CO2 and H2O

As a result of consuming harmful substances, only carbon dioxide and clean water are released.

The biological product turns dirty water into clean water!

PRODUCT LINE

Aquavicin® bioproducts

Aquavicin®-A

Degrades organic pollutants, stabilizes activated sludge, and purifies water bodies.

Aquavicin®-S

Degrades pollutants, stabilizes activated sludge, purifies water, and accelerates composting.

Aquavicin®-N

Degrades oil and petroleum products in soil, water, wastewater, and oil sludge.

Aquavicin®-SV

Degrades organic pollutants and stabilizes activated sludge in biological treatment systems.

Aquavicin®-ZhD

Removes fats, oils, and fermentation residues from wastewater and grease traps.

COMING SOON

Aquavicin®-Plasticizer

Rapidly degrades phthalate-based plasticizers in contaminated soil.

Contact us for a tailored solution

We will select the right bioproduct and dosing regimen for your specific needs.

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