

Virkon® AQUATIC



Fish Farm Biosecurity

The intensification of fish production provides an ideal environment in which disease-causing organisms can flourish and cause serious damage to productivity. Disease may come from any number of sources, for example, viruses and bacteria. These organisms can spread through vectors such as: fish stocks, staff and visitors, equipment, vehicles and transportation and other aquatic life, birds and animals.

Biosecurity plays an important part throughout every stage of the life cycle of a fish, from hatching through to processing. Biosecurity involves the exclusion of disease-causing organisms from the environment. This is particularly important in fish production. It is achieved by the use of external and internal biosecurity barriers:

External Barriers – blocking the spread of disease onto and off of a fish farm

Internal Barriers – blocking the spread of disease within the fish farm

The correct use and selection of disinfectants is very important and ensures that pathogen challenge is minimized, maximizing the fish's natural defense against infection.

Virkon® Aquatic is Effective Against the Following Pathogens:

Viruses

- Avian Influenza Virus
- Infectious Pancreatic Necrosis Virus†
- Infectious Salmon Anaemia Virus†
- Newcastle Disease Virus
- SARS-Related Coronavirus 2 (SARS-CoV-2)†
- Snakehead Rhabdovirus†

Bacteria

- Actinobacillus pleuropneumoniae
- Bacillus cereus
- Escherichia coli
- Klebsiella pneumoniae
- Listeria monocytogenes†
- Mycoplasma mycoides†
- Pseudomonas aeruginosa
- Salmonella enterica
- Salmonella enterica (subspecies enterica serovar Reading)†
- Salmonella typhimurium
- Staphylococcus aureus
- Streptococcus pyogenes

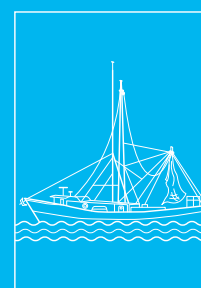
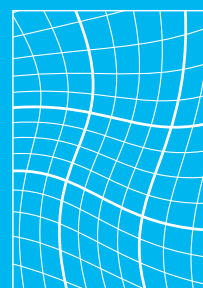
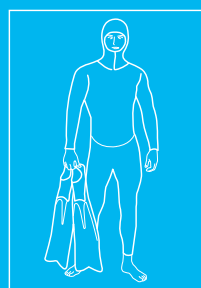
Fungi

- Aspergillus fumigatus†
- Trichophyton interdigitale (2%)

† Not approved in California for use against this organism. Please consult the Virkon® AQUATIC product container label for a comprehensive list of organisms and directions for use.

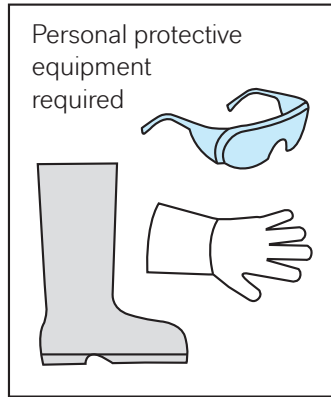
Applications

- For use in cleaning and disinfecting environmental surfaces associated with aquaculture
- Disinfection of inanimate hard, non-porous environmental surfaces (walls & floors)
- Vehicles
- Aquaculture equipment: nets, boots, waders, dive suits, hoses and brushes
- Foot baths

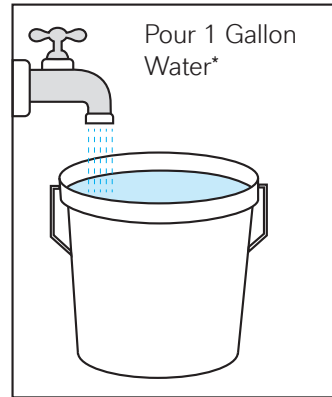


How to make a ready-to-use Virkon® AQUATIC disinfectant solution (powder instructions):

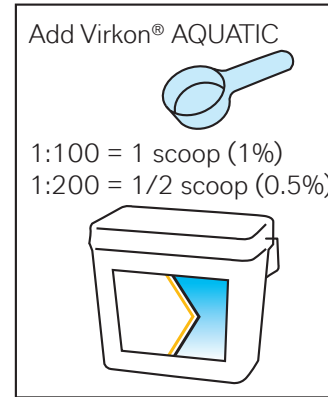
STEP 1



STEP 2



STEP 3



STEP 4



Measuring cup provided. 1 scoop = 1.3oz, 1/2 scoop = 0.65oz.
The 0.5% solution currently is not approved for use in California.
* No hard water for the pathogens indicated on pathogen list.
Please consult the Virkon® AQUATIC product container label for a comprehensive list of organisms and directions for use.



Virkon® AQUATIC Powder

Quantity of Water	0.5% Solution*	1% Solution	2% Solution
1 Quart	0.15 ounces	0.3 ounces	0.7 ounces
1 Gallon	0.7 ounces [1/2 Scoop]	1.3 ounces [1 Scoop]	2.7 ounces [2 Scoops]
10 Gallons	6.7 ounces [5 Scoops]	13.4 ounces [10 Scoops]	26.7 ounces [20 Scoops]
50 Gallons	33.4 ounces [25 Scoops]	66.8 ounces [50 Scoops]	133.5 ounces [100 Scoops]

Measuring cup provided. 1 scoop = 1.3 ounces
Solutions are stable for 7 days.
One gallon of solution is sufficient to treat 135 sq. ft.
Virkon® AQUATIC must not be applied directly to water.



Tel: (800) 283-5292 www.syndel.com

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275
biosecurity@lanxess.com
<http://virkon.us/>
lanxess.com

LANXESS Corporation

111 RIDC Park West Drive • Pittsburgh, PA 15275 • Phone: 1-800-LANXESS • www.US.LANXESS.com

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent. Note: The information contained in this publication is current as of February, 2023. Please contact LANXESS Corporation to determine if this publication has been revised.

©2025 LANXESS. LANXESS, the LANXESS Logo, Virkon® and any associated logos are trademarks or copyrights of LANXESS Deutschland GmbH or its affiliates. All trademarks are registered in many countries worldwide.