



# AQUA

BIOLOGICAL CLARIFIER  
PONDS AND LAKES

A  
REMEDI  
BLDG.COM

A Kleen Chemistry

BIOREMEDIATION  
SYSTEMS



## PRODUCT INFO

AQUA has been formulated for remediation and water clarity in lakes, ponds, water gardens, fish farms, and other aqua-cultures

This proprietary microbial blend, consisting of six natural varieties, designed to significantly reduce organic sludge from closed and slow-flowing water systems, and improves water clarity and oxygen levels that support aquatic and other wildlife.

AQUA has the ability to unravel and eliminate green pond scum that commonly floats on the surface.



## What is Remedi?

Derived from bioremediation, this highly effective line of products containing specialized, friendly bacteria and enzymes, can truly be referred to as Probiotics for industrial, commercial and residential environments. Our integrated chemistry of ecologically focused ingredients accelerate the emulsification and dissolution of targeted soils and pollutants.

- Going beyond green & sustainability, these products support the rapid return of our environments to their natural state
- Unique blends that target specific soils & pollutants, including long-chain & short-chain hydrocarbons
- Improves air quality; reduces hydrogen sulfide, indoor air-pollution & other foul odors, while enhancing healthy BOD, COD levels
- Continued environmental benefits throughout drains, sewer system networks and water tables

## DIRECTIONS FOR USE

Applications, delivery systems and dosages are calculated by our lab via your Remedi Representative.

A custom package will be designed for each Project.



TARGA

Environmental Supervisor, Oil & Gas Industry  
M.S. Environmental Policy & Procedure

*"The Remedi AQUA solution you provided was both efficient in clearing the pond as well as easy to use and store. We are extremely thankful for the product and look forward to using it along with other products as well in the future"*

<https://www.targaresources.com>



### WARNING

GHS  
pictograms not  
indicated for  
this product

### GHS Hazard Statements

There are no GHS Hazard Statements.

NOTICE: Please see Safety Data Sheet (SDS)  
for GHS Precautionary Statements before use.



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Pollutants and floating debris contribute to murky water, loss of depth, foul odors and algae growth. These include;

animal waste  
fertilizers

uneaten food  
decaying plants

grease and oil  
dead algae

These formulas produce many antimicrobial compounds that are effective against E.Coli, Salmonella, Vibrio, Legionella and other common pathogens.

Our natural microbes act as biocontrol agents against blue-green algae, which is actually a type of bacteria, cyanobacteria.

Algal blooms are caused by excessive nutrients, such as phosphorus, iron and nitrogen, and light and temperature.

Remedi **AQUA** contains 6 different natural, non-pathogenic target-specific bacteria, plus enzymes:

**(1)** Phosphate reduction, protein and polysaccharide degradation, will target plant materials and improve gut health and immunity of fish and other wildlife.

**(2)** Protein, lipid, cellulose, chitin, pectin, and levan degradation is capable of breaking down microbial cell walls. It works well in higher salinity and low oxygen environments and includes an oxygenase producer which adds molecular oxygen to a substrate to better degradation.

**(3)** Works well in low temperatures. This strain will naturally prune algal blooms through the production of Bacilysin and by the reduction of phosphates, nitrates, and nitrites. This natural mechanism will impact biofilm formation of pathogens which improves health of aquatic life.

**(4)** Produces Bacilysin and reduces iron to prune algal blooms. This enzyme profile is high in protein degradation and highly effective on fats and oils. It has the highest growth performance in anaerobic conditions.

**(5)** A high Bacilysin production, solubilizes phosphates and iron. Contributes to the degradation of proteins, starches, oils, sugars, and plant-based compounds through a diverse enzyme group. Forms strong matrix of biofilms for continuous treatment.

**(6)** Reduces phosphate, nitrate. This strain has a high antimicrobial profile for gut health and the isolation of pathogens. Additional amylase, cellulase, and lignin-modifying enzyme production. Hydrolytic enzymes attach to the cell wall of harmful fungal species and filamentous algae. Phosphonic acid production to assist with competitive exclusion.