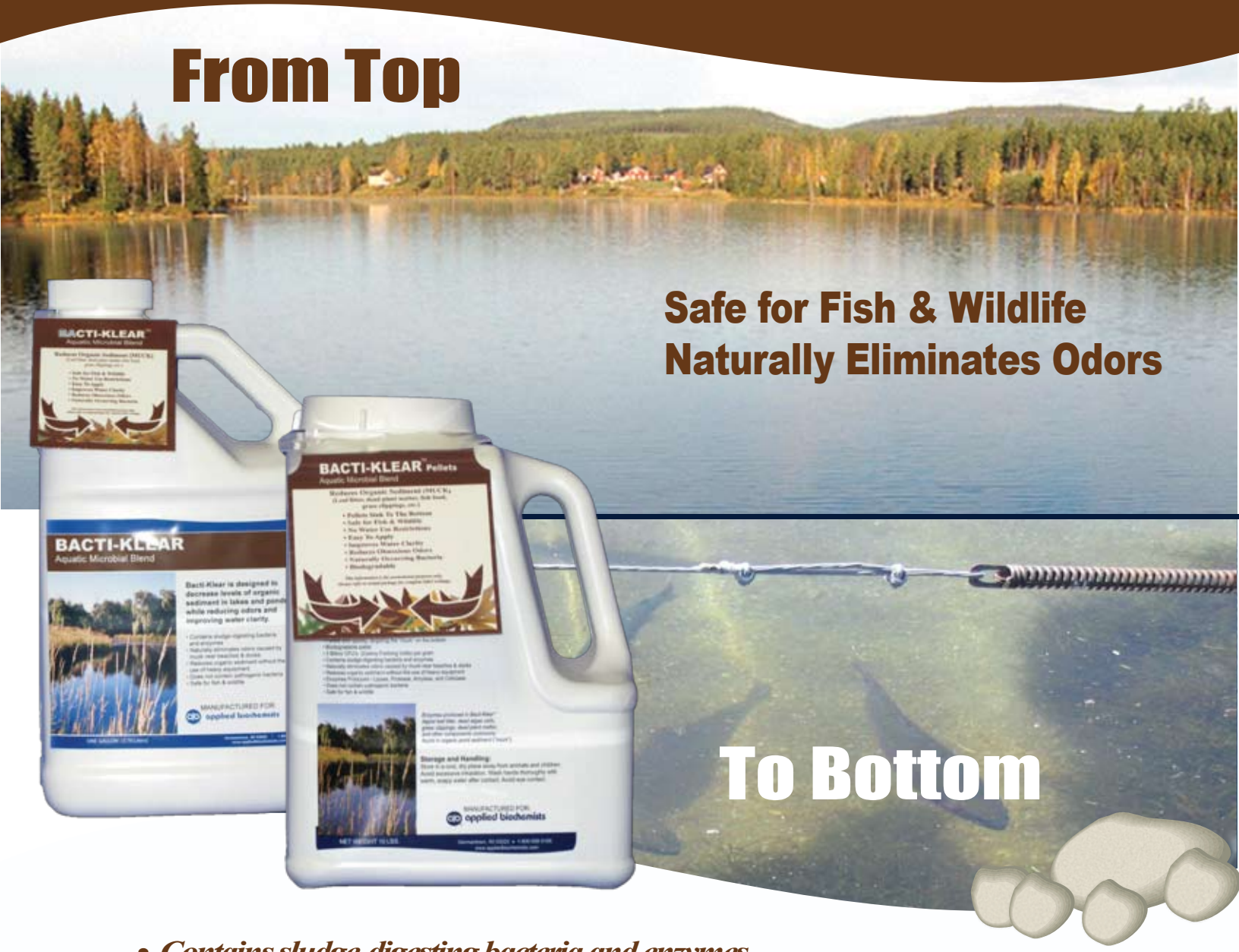
Introducing : Bacti-Klear Liquid and Pellets
To Assist Nature in Cleaning Your Pond



- *Contains sludge-digesting bacteria and enzymes*
- *Does not contain pathogenic bacteria*
- *Bacti-Klear Liquid is designed to target "suspended" organic Sediment.*
- *Bacti-Klear Pellets Sink quickly, targeting the "muck" on the bottom.*
- *Both products reduce organic sediment, no digging or dredging required*
- *Enzymes Produced - Lipase, Protease, Amylase, and Cellulase*

These products are not intended to control algae or aquatic weeds. Use of EPA registered algaecides and aquatic herbicides should be used where vegetation problems exist.

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ENZYME OR MICROBIAL PRODUCT FAQs

What are pond or lake enzyme or microbial products?

Enzymes are part of a group of organic proteins known as amino acids and are found in all living things. Enzymes are small biochemical digesters. These molecules feed off of dead plants / weeds, waste from pond inhabitants, and nutrients washed in after storms. Enzymes help to digest the over abundance of these nutrients. They have the individual power to break apart vitamins, minerals, proteins, carbohydrates, fats, etc. and make them absorbable. Enzymes absorb these unwanted materials and turn them into harmless carbon dioxide. This breakdown process occurs naturally in water, however, by adding enzymes the process is accelerated. With the use of enzymes, you can stimulate and improve water's appearance naturally. When enzymes and natural bacteria diminish water-born contaminants, the by-product becomes nitrogen and water, providing a naturally clean and clear environment.

What else can help the enzyme or microbial products to work?

Enzyme treatments work more effectively with aeration, by turning water aerobic. Aerobic means that there is oxygen present. Aerobic water also eliminates odors.

What is the mechanism by which enzyme or microbial products perform?

Due to the extremely complex chemical composition of enzyme products, the exact nature of how the product actually works would be nearly impossible to define, since each water body is unique. What is known is that the intricate interplay between the active ingredients of the enzyme product and the naturally occurring bacteria results in a dramatic reduction of organic contaminants [BOD (biochemical oxygen demand), COD (chemical oxygen demand), TSS (total suspended solids), TPH (total petroleum hydrocarbons), odor, etc.].

How are enzyme or microbial products measured?

Colony-forming unit (CFU) is a measure of viable bacterial or fungal numbers. CFU measures viable cells in solution. Therefore, it is the microbiological load or the concentration (CFU/milliliter or gram) of the colonies in the product.

What are the product safety concerns when using these products?

When used according to label directions there are rarely water use restrictions for wildlife or domestic animals or fish. Full product safety is available on label and MSDS. Contact your local State Public Agency for any specific regulations in your area.

Product Application:

Liquid enzyme products can be easily diluted and applied to the water. Bacteria pellets can be spread evenly by using a scoop, handheld spreader, or mechanical type spreader.

Application Instructions:

For use in areas of contained water; lakes, ponds, water hazards and irrigation tanks. Not for use in potable water sources. Apply at any time of the day when warmer water temperatures and increasing light conditions stimulate aquatic growth. Product efficacy is maximized when water temperature exceeds 50°F. Product specific directions are outlined on product container.

Product Characteristics:

Bacteria Count	
Bacti-Klear Pellets	3 billion CFU/gram
Bacteria Type	Bacillus spores
Appearance	Tan/Light Tan colored pellets
Stability	2 years + at 35º-95º (2º-35ºC)
Enzyme Production	Lipase/Protease/Amylase/Cellulase
Bacteria Count	
Bacti-Klear Liquid Solution	500 billion CFU/gallon
Bacteria Type	Bacillus spores
Appearance	tan or brown liquid
Stability	2 year 35º-95º (2º-35ºC)
Enzyme Production:	Lipase/Protease/Amylase/Cellulase