



Revolutionary Water Treatment Chemistry

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Bio-Organic Catalyst, Inc. has developed revolutionary water treatment chemistry, based upon the science of gas transfer and bio-catalysis, for accelerating reactions in water treatment and the remediation of pollutants. All water treatment depends, at the core, on either utilising biological activity (e.g. wastewater), or preventing biological activity (e.g. paper, cooling towers).

Wastewater systems require oxygen, through aeration, to drive the reduction of the pollutants in the water. The company's uniquely structured nanobubbles

can increase oxygen transfer into the water column, which accelerates the treatment processes. On the other hand, in paper manufacturing, irrigation lines and cooling towers, the prevention of organic growth is paramount to maintaining operating performance. The company's bio-catalytic capabilities offer an entirely non-toxic alternative model to alleviating both biological growth and mineral formation.

All too often, "green", "ecological" and "sustainable" really mean "takes longer", "costs more" and "doesn't work very well". We change that. We offer a cheaper, simpler, safer and more effective way for businesses to solve their problems. So businesses can improve their bottom line while shifting from toxic and environmentally damaging chemicals to a green, ecologically friendly model.

The core intellectual capital of Bio-Organic Catalyst, Inc. is the internationally patented compositions which allow the triggering of biological and chemical reactions at greatly accelerated rates and in

functions that were previously unobtainable with commercially available chemical, or biological, product offerings. These new bio-catalytic compositions have required years of applied research and development as they were vetted within highly competitive distinct market sectors.

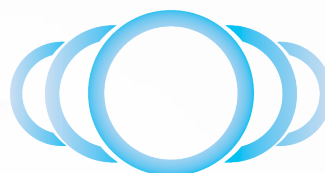
In conjunction with the development of the proprietary compositions, the company developed an in-depth understanding of the critical microbiological reactions and operating constraints that have been essential to the creation of this new approach. Through the cooperation of an international network of environment professionals, solutions have been perfected in addressing many of the most challenging of environmental problems, in a wide diversity of settings ranging from advanced developed economies to the fundamental issues of public sanitation in the developing world.

The company has nurtured a highly collaborative culture with leading scientists, institutions and technical personnel,

across numerous industry sectors over many years. The company brings a common-sense, creative and innovative approach to real and challenging environmental problems. Indeed, the company declares it's on the 'brown side of green', to distinguish itself from strictly theoretical concerns and expensive construction solutions.

Market acceptance has been rapidly expanding in recent years, due to the extensive track record and client base acquired. This is being driven by an overall evolution of professional expertise, within the global marketplace for environmental management. Concurrently, the traditional and more toxic chemical models, which have been the bedrock of sanitation management for the past hundred years, have gradually reached their limitations and the industry is highly motivated to explore greener solutions that have been proven, as well as those that have demonstrated the ability to perform in the toughest conditions required. Sustainability is now more than simply a buzzword, it is a credo for thinking and action.

Company: Bio-Organic Catalyst, Inc.
Name: Parker D. Dale, President
Email: parker@bio-organic.com
Website: www.bio-organic.com
Corporate Headquarters: 711 West 17th Street,
E6, Costa Mesa, California, USA, 92627
Telephone: +1 917 833 1584



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