



Infrastructure
Awards
2016

Bio-Organic Catalyst Inc
Waste Management Solutions
Provider & Innovation Award
for Waste-to-Energy Systems

*Best Waste Management Solutions Provider
& Innovation Award for Waste-to-Energy Systems*

Bio-Organic Catalyst, Inc

Bio-Organic Catalyst, Inc. produces a line of proprietary product compositions, based upon its unique patented broad spectrum catalytic biochemistry that establishes an entirely new platform technology for the chemical industry. We invited the firm's President, Parker Dale, to profile his innovative business and the solutions it provides.

Here at Bio-Organic Catalyst, our breakthrough bio-organic catalyst compositions (BOCs) are all manufactured to deliver the highest strength and quality biocatalysts, in highly concentrated liquid formulations. They provide a significant advancement over all other currently available chemicals, or biological agents, due to their total life cycle enhancement of the fundamental linkage between water and organic wastes, and are completely safe to use (USDA) or discharge into public waterways (US EPA).

Our products are specifically designed to solve the most critical aspects of improving water quality and improving those aspects that present the greatest challenges. The strength of the BOC technology is its ability to contribute unique solutions to enhancing the underlying biological and chemical processes that are universal to nearly all industrial cleaning, petroleum hydrocarbon remediation, water treatment and purification systems worldwide. Our bio-catalytic compositions are able to provide significant performance levels unmatched by any other chemical or biologically based agents.

We have been pioneers in the development of a new paradigm in biological enhancement of the underlying processes used in both water purification and wastewater treatment. This foundation has evolved to world leading capabilities in odour control and biogas optimization, furthering the foundation we have built in harnessing the power in nature to transform polluted waters and wastes into environmentally healthy water and soils.

The company has extensively tested our compositions in numerous engineering studies and toxicity testing programs. Our products meet U.S. Environment Protection Agency and U.S. Department of Agriculture safety requirements. The United Nations Environmental Programme presented BOCs as a selected new environmental technology for the developing world markets. The TÜV Rhineland Institute for Environmental Protection and Energy Technology tested and documented the safety and effectiveness of BOCs, allowing our compositions to be imported into the highly regulated EU markets.

Our mission is to be the leading provider of bio-organic catalyst compositions to the world's water treatment systems, and to transform the entire field of the cleaning arts. Our guiding ethos leads us to value and honour the relationships which underlie all ecological systems. Our work brings a better life to all life.

One of our signature products, which helps us to achieve this mission, is our EcoCatalyst odour control product, an all-natural odour eliminator that converts foul smelling anaerobic bacteria into odourless facultative bacteria. EcoCatalyst and our other odour eliminating product, Eccomate, on contact will instantly neutralize organic volatile organic compounds, offering exceptional noxious odor control and reduction of VOC emissions, which is essential for building an infrastructure to handle organic waste streams.

Company: Bio-Organic Catalyst, Inc
Website: www.bio-organic.com

Eccomate® is a highly concentrated bio-catalytic composition designed to form highly reactive micro-bubbles within water that have extraordinary oxygen transfer capabilities across the membrane barriers of wastes.

The product can be used at extremely high dilutions, within misting and spray systems, allowing adaption to every type of odour control program, including garbage compactors/trucks, conveyor belts, bio-solids dewatering, food waste processing, landfills and recycling facilities. It contains no bacteria, or active enzymes, but stimulates the vitality of indigenous microorganisms by providing substantial improvement in oxygen availability, oxygen transfer, and the release of waste components for consumption by indigenous microorganisms.

Ultimately, our products provide a range of solutions for issues within the waste management industries, ensuring that firms operating within these sectors can manage their output efficiently.

