

A Giant Leap in Biological Performance

What is BiOWiSH™

A result of over 18 years of research and development, BiOWiSH™ is a proprietary technology that accelerates enzymatic bio-chemical reactions, up to thousands of times faster than their normal rate.

The speed of BiOWiSH™ is due to the production of small molecule metabolite co-factors that in combination with a broad spectrum of enzymes have been proven to accelerate the breakdown of all non-living organic matter into its final inert compounds. BiOWiSH™ has also been proven to beneficially accelerate metabolic enzyme reactions.

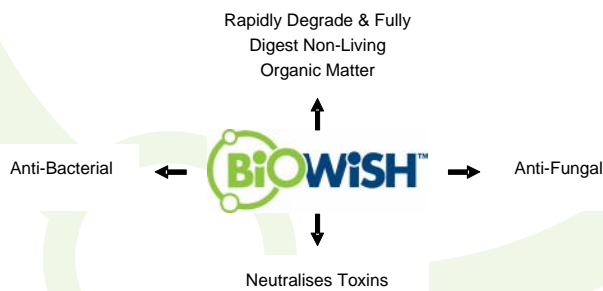
In addition, BiOWiSH™ has anti-bacterial, anti-fungal and toxin neutralization properties which further sets it apart from conventional enzyme technologies.

As a core technology, BiOWiSH™ provides the solution to some of the most complex and pervasive problems facing mankind today such as global food shortage, greenhouse gas emissions and environmental pollution. Our motto: Biological help for the human race™.

BiOWiSH™ is 100% organic, natural, bio-degradable and safe for everyday use in a diverse range of consumer, commercial and industrial products. Its product applications are vast: from environmental management, including wastewater, solid waste, soil and water remediation, industrial emissions, to cropping, animal agriculture, aquaculture, as well as human and animal health.

BiOWiSH™ is used extensively and available in Asia, Australia, Europe and now North America.

BiOWiSH™ Core Capabilities



BiOWiSH™ is created from a combination of human friendly active microbials in a multi-stage manufacturing process that yields beneficial enzymes, co-enzymes and co-factors. It is a natural 100% organic culture and replaces harsh chemicals in many of its applications.

BiOWiSH™ rapidly digests waste products comprising of fats, protein, carbohydrates and cellulose into their final end products of carbon dioxide, nitrogen gas, oxygen, water and heat energy.

Applications

- Odor Removal
- Cleaning and Degreasing
- Waste Management
- Water Treatment
- Agribusiness
- Bio-remediation
- Animal Husbandry
- Cropping & Horticulture
- Aquaculture
- Biogas production
- Human Health Supplements
- Pharmaceuticals
- Cosmetic
- Pet
- OEM

Benefits

- 100% organic & biodegradable
- Non-toxic, non-chemical and non-pathogenic
- 100's to 1,000's of times more effective than existing products
- Very fast acting and in fact amazing!
- Operative at low dosage rates
- Cost effective
- Harmless to humans and the environment
- Assists with some of the human race's greatest and most pervasive human issues - health, sanitation, water treatment and sustainable energy production

In-vivo this technology completes digestion processes and eliminates toxins and waste products providing a systemic benefit. In addition the ability to rapidly break down a wide range of waste products means that BiOWiSH™ can assist with a wide range of clinical conditions.

There is virtually no biological process that cannot be enhanced with BiOWiSH™.

How was BiOWiSH™ developed

The development of BiOWiSH™ was led by Dr Wisuit Chantawichayasuit through a 17-year scientific research project. Dr. Wisuit is a certified micro-organism applications expert possessing a wide knowledge of international biological research streams.

Dr. Wisuit and his team discovered natural mangrove environments along the Gulf of Thailand that possessed a remarkable ability to rapidly remove a wide range of pollutants dumped by surrounding urban areas.

A study into the microbial population of mangrove soil samples identified a number of previously undiscovered microbial strains amongst the hundreds of thousands typically found in mangrove soil. These microbes and their resultant enzymes were shown to be the catalysts of bio-chemical reactions that were able to rapidly remove organic waste from the water.

The next phase of development was to unlock the secret to growing these microorganisms symbiotically and then putting them into a stabilized product form. The result is the core BiOWiSH™ technology which is now deployed across various applications. The BiOWiSH™ high speed enzymes fight pathogenic and odor causing bacteria, rapidly digest waste compounds, control pollution and generally bring balance back to our environment.

Who Discovered BiOWiSH™

The lead scientist in the development process was Dr Chantawichayasuit.

Dr Chantawichayasuit is a certified microorganism applications expert possessing a wide knowledge of international biological research streams. Combined with his extensive experience in laboratory and field research together with his wisdom and creativity he has created a truly unique enzyme based technology to benefit mankind.

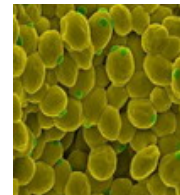
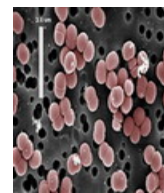
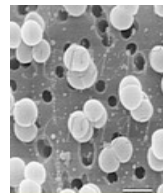
Key Components of BiOWiSH™

BiOWiSH™ is a revolutionary biotechnology consisting of three beneficial bacteria and two yeasts acting in symbiosis creating enzymes and powerfully working to rapidly digest fats, protein, carbohydrate, cellulose, bad organic odor and waste products. This makes BiOWiSH™ perfect for a wide range of diverse applications.

The five key components are:

- *Pediococcus pentosaceus* Mees (bacteria)
- *Bacillus subtilis* (bacteria)
- *Pediococcus acidilactici* (bacteria)
- *Dekkera anomala* (yeast)
- *Pichia farinosa* (yeast)

For human health and cosmetic applications further processes sterilize BiOWiSH™ retaining only the pure BiOWiSH™ enzymes and metabolites.



BiOWiSH™

The World's most powerful Live Enzyme Technology

BiOWiSH™ Composition

1. Group of human and environmentally friendly bacteria
2. Yeasts
3. Metabolite Substrates
 - Digestive and Metabolic Enzymes
 - Organic acids
 - Bacteriocines, Iturins and Killer Toxins
 - Growth Factors
 - Vitamins
4. Dried Bran Carrier (also provides nutrients for microbials)

Forms of BiOWiSH™

BiOWiSH™ is available in 3 different forms which we formulate into the range of BiOWiSH™ products.

BiOWiSH™ Powder

The active microbial formulations used in environmental management, cleaning and animal health.

BiOWiSH™ Food Grade

A formulation that is further fermented to contain a high level of enzymes, the small molecule metabolite catalysts and other metabolites but no active microbials.

BiOWiSH™ Cosmetic Grade

BiOWiSH Food Grade with a protective cellulose coating that allows the product to be stored in solution with mechanical activation.

What makes BiOWiSH™ unique

The superior performance of BiOWiSH™ across many product applications can be summarised as follows:

Extremely High Speed

The BiOWiSH™ enzymes and metabolite cluster makes our products thousands of times faster than previously possible.

Broad Functionality

Its four core capabilities of rapidly breaking down organic waste, anti-bacterial, anti-fungal and toxin neutralisation, along with the speed enhancement, make BiOWiSH™ a truly unique technology.

Broad Spectrum

BiOWiSH™ is formulated to create a very diverse group of catabolic hydrolysing enzymes. This provides an ability to rapidly and fully digest all non-living matter that is organic in origin.

Broad Operative Range

BiOWiSH™ due to its kinetic rate enhancement technology, is able to operate in a much broader range of environmental conditions than previously available technologies.

More Information

Please visit our website www.biowishtechnologies.com for more information on how this amazing technology works, and to view our wide range of products.

By choosing to use a product powered by the BiOWiSH™ technology, you will soon discover why BiOWiSH™ is one of the most exciting and powerful biotechnologies to emerge this century.

Biological help for the human race



www.biowishtechnologies.com

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BiOWiSH™

The World's most powerful Live Enzyme Technology