

Market Segments

Consumer

This segment includes household cleaning products; drain openers, degreasers, treatment of swimming pools and lakes, septic and cesspool treatment and home garden products.

Environment

The Company manufactures various products for the purification/cleaning of water bodies, solid waste remediation to convert solid waste into a less harmful form ideal for land filling, soil conditioning and production of organic fertilizers.

Industrial

The Company has developed products for the treatment of industrial waste water and solid waste. These treatments would allow improvement in ETP efficiency, reduction of organic pollutants in waste streams and a cleaner environment.

Agriculture

The Company also manufactures biological and botanical pesticides, fertilizers and other soil amendments, which are offered as alternatives to reduce use of traditional chemical products.

The company is committed to providing natural and practical solutions to problems in the field of agriculture, solid and liquid waste management, and environmental pollution.

Vision

To make our society a more prosperous place to live; enrich with health, employment, education and increased welfare of each individual.

Mission

To manufacture and market a series of organic botanical products to promote and foster a higher and healthier standard of living in India.

Products

The company's products contain naturally occurring microorganisms and fungi in a proprietary delivery system and accelerate the earth's natural process of converting organic matter into byproducts including water, carbon dioxide and methane gas. Although these microorganisms and fungi occur naturally in the environment, nutrient levels and atmospheric conditions (i.e. temperature, oxygen and pH levels) occurring in the environment may not be optimum for their growth or for the reduction of organic compounds. The company's products restore these organisms into the environment along with the nutrient sources necessary for their growth and activity. Once the nutrient source and the targeted organic matter are depleted, the organisms expire naturally.

Our scientists have identified the functions of various microbial strains and their role in the eco system. Suitable products have been developed to help reduce the use of toxic chemicals in everyday life.



**Gujarat Eco
Microbial
Technologies
Pvt. Ltd.**

Bio Crystal

"Bio Crystal" is biologically enhanced solution specifically designed to enhance lake water conditions and improve water clarity of water bodies by reducing pollutants like organic matters, phosphorous, nitrogen & other unwanted substances found in polluted water bodies.

The product also prevents the growth of algae, fungi and undesirable aquatic plants in the water body.

This multi faceted formulation utilizes a synergistic blend of ingredients to bring lake and pond back into ecological equilibrium. The primary ingredients of the ***"Bio Crystal"*** include 58 strains of aerobic, facultative, non-genetically modified bacteria and complex microbial growth stimulators.

Bio Topaz

"Bio Topaz" is a unique wastewater treatment product, containing a research-based consortium of microbial cultures in sufficient concentrations along with nutrients, enzymes and stimulants, capable of coping with even the worst environmental conditions. These beneficial facultative microorganisms biodegrade various kinds of complex and harsh pollutants like oil, protein, phenol, chlorinated hydrocarbons and the like.

The use of this product improves the efficiency of existing ETPs and reduces the pollutant load in wastewater streams.

Bio Opal

"Bio Opal" a proprietary blend of carefully selected naturally occurring microorganisms, enzymes and growth stimulating nutrients. It is a balanced formula of 94 different microbial strains, which work synergistically to lower the toxicity level in the pond and create a healthier and more beneficial environment for fish, prawn and shrimp. The toxic pollutants are broken down to non-toxic by-products such as carbon dioxide and water. As the pollutants are removed a remarkable reduction in foul odors is witnessed. It is preferable to pre-treat the water with ***"Bio Opal"*** before the introduction of new fish culture into the pond. Using this high technology bio-product can reduce the number of water exchanges thereby reducing operating costs.

Bio Coral

Bio Coral uses the powerful waste digesting properties of selected proprietary natural microbes to speed up the composting process. Our formulation accelerates the breakdown processes for complete digestion in a shorter time period. Appropriate use of Bio Coral will generate high heat

(temperatures up to 55-70 degrees Celsius), which inactivates weed seeds, human and animal pathogens, and viruses. It accelerates degradation of cellulose and lignin from plant materials. Accelerated composting prevents foul odors and creates nutrient rich humus in the shortest possible time

"Bio Coral" contains naturally derived enzymes and saprophytic bacteria originally derived from soil which utilize only non-living organic matter as a food source. It is a unique combination of mesophilic and thermophilic bacteria, molds and yeasts, consisting different types of microbial cultures, all of which occur naturally in soil, but in very small numbers. These microorganisms are not harmful to either aquatic or land plants, birds, animals or humans and have been released all over the world into marine and fresh water lakes, ponds, rivers, municipal sewer lines, drains, septic systems and soil with complete ecological safety.