



Micronz Incorporation is an Environment Company with a strong focus in delivering sustainable products and solutions to cater segments like Agriculture, Animal Husbandry, Aquaculture, Waste Water Treatment, Household Care and Solid waste management.

We research, develop and manufacture innovative products with the end goal targeting environmental sustainability worldwide, which helps to improve the health of living creatures along with the health of our planet.

“Our technology based on the principle of natural & biological phenomenal along with cutting edge microbial techniques to sustain environment and humanity in a positive manner”

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ALSO TRY



agriCURE+

An improved plant growth promoter with soil conditioning & pest repellent features consists of various naturally occurring microbes with a combination selective herbal extracts.



aniCARE+

An improved probiotic feed additive for Animals and Birds, it also acts as an Ensiling agent that helps restore the natural microbial balance in the digestive system, enabling maximum extraction of nutrients from the fodder.



aquaPRO+

A microbial formulation that acts as probiotic feed supplement for aquatic population such as fish, prawns, molluscs etc while improving the health & balances the complete Pond and Lake Ecosystem.



soilBOOST

An advanced Composting agent that contains various microbial combination to degrade agricultural/Industrial waste with the help of other naturally occurring microbes.



masterCLEAN

A complete organic multipurpose cleaner which is a mixture of various herbal extracts, plant juices, fermented end product to remove dirt, stains, oil, grease etc. also acts as a disinfected agent.



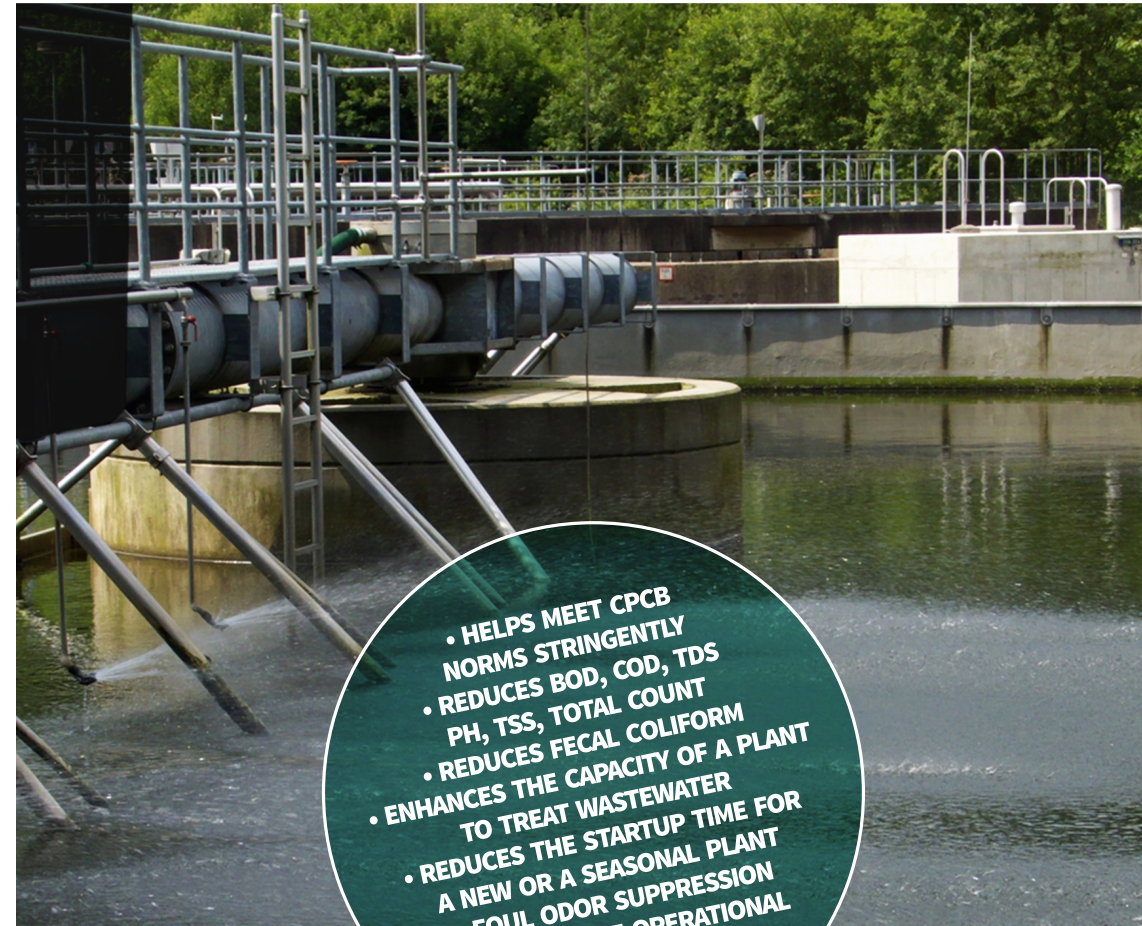
freshSTART

A liquid concentrate with a fast action foul odor controlling or suppressing property.



bioCLEAN

BIO-AUGMENTATION AGENT



- HELPS MEET CPCB NORMS STRINGENTLY
- REDUCES BOD, COD, TDS, PH, TSS, TOTAL COUNT
- REDUCES FECAL COLIFORM
- ENHANCES THE CAPACITY OF A PLANT TO TREAT WASTEWATER
- REDUCES THE STARTUP TIME FOR A NEW OR A SEASONAL PLANT
- FOUL ODOR SUPPRESSION
- REDUCES THE OPERATIONAL COSTS EFFICIENTLY

Your Local Micronz Distributor

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www.micronzindia.com



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bioCLEAN
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WASTE WATER SOLUTIONS

Waste water is any water that has been adversely affected in quality by anthropogenic influence. Future wars would be fought for water. In order to conserve this most precious resource, we came up with numbers of exciting solution so that the health of the world's population and the health of our environment remain intact.

Algae, cyanobacteria or blue-green algae, anaerobic bacteria, weeds along with the water pollutants can be eliminated through a natural biological process called bioaugmentation. Bioaugmentation is the process of introducing natural bacteria in large quantities into a polluted system. Bioaugmentation places the correct balance of microbes back into those areas where the natural microbes may have been destroyed or exist, but in low numbers.

Better water quality is achieved without the addition of hard chemicals such as copper sulphate or alum. High CFU count probiotic formulations allows the bioaugmentation process to remediate pollutants and a rate which far exceeds that of natural indigenous microbes and exceeds present oxygenation technology.

Bioremediation is the application of a biological treatment, mainly microbes, to the cleanup hazardous contaminants in soil and surface or subsurface waters. These microorganisms can be used to transform them to less harmful forms. The bacteria feed on the contamination, deriving nutrition for growth and for reproduction. Complex chemical reactions occur, but the result of this natural process is that contaminants are used up completely or are converted (or cleaved) into an innocuous product such as water and carbon dioxide. The microbes will survive and consume their contaminant food source until the unwanted pollutant is remediated.

bioCLEAN

Solution exists in the form of Micronz- BioClean : Wastewater can be treated in ETPs, STPs, Septic Tanks, Flowing drains, Lakes and Rivers.

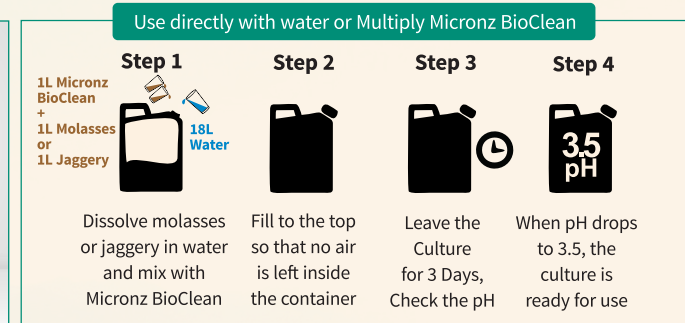
Micronz- BioClean is the most advanced microbial product to bring about a revolution in wastewater treatment. The technology balances the microbial activity there by increases the efficiency of treating water at the least possible cost. As a result, the Industry is able to get clean water, which can even be recycled for non-potable uses, reduction in foul odour at minimal cost. The salient features are:

- It is a group of selective microbes responsible for treating wastewater naturally.
- It is a consortium of various microbes like Lactic Acid bacteria, Photosynthetic bacteria, actinomycetes and yeast with a plate count of > 25 million.
- The microbes are facultative. They exhibit both aerobic and anaerobic characteristics.
- The microbes are cultured in a selective medium which contains various nutrients and herbal extracts to support the microbial population.
- It works in variable scenarios and extreme conditions such as different pH, temperature and salt concentration.
- These microbes are naturally isolated & none of them are genetically modified.

BENEFITS

- Helps meet CPCB norms much more stringently in terms of BOD, COD, TDS, pH, TSS, Total and Faecal Coliform count.
- Operational Costs in terms of aeration, chemical dosage and sludge removal cost reduces.
- Foul odour is suppressed very fast.
- It helps enhance the capacity of a plant to treat wastewater by 15-20%.
- Startup time for a new or a seasonal plant can be reduced at least by half.
- Wastewater can be recycled without any fear of contaminating ground water & it can be utilized for non-potable uses like irrigation, floor cleaning etc. of other inputs drastically.

APPLICATION



Micronz- BioClean should be directly used as per the tried & tested method as follows:

ETP: 1:2000 Liters

A liter culture is capable to treat 2,000 liter effluent. Booster dose on daily basis up to 7 days to start with, after the establishment of microbes dosing should be reduced to twice in a week upto 4 weeks. Booster dose should be followed by maintenance dose accordingly.

STP: 1:5000 Liters

A liter culture is capable to treat 5,000 liter effluent. Booster dose on daily basis up to 7 days to start with. Booster dose should be followed by maintenance dose weekly.

** Essential parameters like pH, DO levels, COD, TDS, BOD, TSS and Coliform Count (in the case of sewage) needs to be measured daily to assess the efficacy of treatment.*

Septic Tanks: 1:10000 Liters

Micronz- BioClean should be used once in 6 months for the capacity 10,000 liters tank

**Note: Aeration should be proper throughout the treatment & make sure there will be no chemical dosing along with Micronz-BioClean.*

CAUTIONS

- Do not use with chemicals
- Requires proper aeration for better results
- Store in ambient temperature
- Re-tighten cap after use

WE ALSO UNDERTAKE CONSULTANCY FOR TREATING UP ETP, STP'S, LAKES & OTHER WATER BODIES. KINDLY GET IN TOUCH WITH US TO DISCUSS YOUR REQUIREMENT



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