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Product Facts

ZION AR 9020 For Effluent & Sewage

APPLICATION

ZION AR 9020, a specially formulated microbial product with micronutrient is able to degrade variety of organic compounds in the aerobic biological systems of dairy, food, pharma & beverages industries, sullage and sewage treatment systems. Mixed bacterial consortium present in ZION AR 9020 is able to adapt in the system and proliferate to improve MLSS and effectively reduce BOD&COD. ZION AR 9020 is able to degrade oil, fat and food particles present in the waste water from canteen discharge.

ZION AR 9020 has been developed to:

- Ensure efficient, rapid, cost effective establishment of biomass in aerobic waste water treatment plants of industrial effluents and sewage treatment systems.
- Accelerate the process of biodegradation to enhance the treatment capacity and its operation and maintenance.
- Improve the quality of the effluent discharged due to efficient biodegradation.

PRODUCT DETAILS

Contains bacterial species like Pseudomonas, bacillus, fungi, actinomyces etc; Bacteria are isolated, selected, adapted and proliferated in specific media and blended in the required proportion. Bacteria is immobilized on to a carrier and dried. All necessary nutrients are added in the media. Bio surfactants are added to assist the initial biodegradation.

PRODUCT SPECIFICATION

Form: free flowing, dry powder

Colour: buff to brown/ white

Contents: bacteria, yeast, surfactant, bio-carriers, micronutrients.

Microbial population in multiples of 10⁹ colonies/gram

DOSAGE

For a new system/for a existing system for existing system with with insufficient biomass reasonable biomass.

Initial dosage: 10-12ppm on aeration tank volume 10-12ppm on aeration tank volume For one week . For two days.

Maintenance dosage: 5 ppm on the volume of 5ppm on the volume of influent Influent per day. Per day

Dealer / Distributor



ZION ENVIRO SYSTEMS (P) LTD.
TOTAL ENVIRO CARE
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