

ZI-CHEM 7910

Waste Microorganism Nutrient

HIGHLIGHTS

ZI-CHEM 7910 is a specialty microorganism nutrient for biological waste water treatment formulated with selected raw material, having ideal nutrient contents. ZI-CHEM 7910 containing macro nutrients and also enriched with micro nutrient and special additives designed to accelerate and optimize metabolism of bacteria in degradation of organic material at Biological Waste Water Treatment Plant.

So, event at much lower dosage than typical conventional nutrients, ZI-CHEM 7910 provides better performance at activated sludge process in degradation of BOD and reduction of TSS at Biological Waste Water Treatment Plant.

TYPICAL PROPERTIES

- Appearance: Clear liquid
- Specific gravity: 1.15 – 1.25
- pH: 6.0 – 8.0
- Solid content: 25% minimum
- Storage stability: 6 months
- Solubility: Completely (in water)

PRIMARY APPLICATIONS

ZI-CHEM 7910 dosage should be calculated based on BOD load (kg/day). Normal dosage is in a range 3 – 5 % based on BOD load or may be depend on waste water quality.

FEEDING & CONTROL

Addition of ZI-CHEM 7910 to the point of application should be at inlet Aeration Tank and the optimal dosage should be evaluated on-site. Your ZI-TECHASIA technical representative will provide specific recommendations.

THE BENEFITS

- Product is tailor made, so it provides nutrient demand of bacteria in an ideal and stable ratio.
- Better wastewater treatment performance to reduce soluble COD and BOD
- Reduced operational cost
- Easier and safe handling

COMMON APPLICATIONS

- Biological WWTP

PACKAGING

- 25kg bags

HANDLING & SAFETY

ZI-TECHASIA maintains a database of material safety data sheets (MSDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel.



ISO 9001:2008 Certificate No.SG12/04040 ISO 14001:2004 Certificate No.SG12/04041