

ZI-CHEM 7630

Waste Water Biological Treatment

HIGHLIGHTS

ZI-CHEM 7630 is a biological wastewater effluent treatment product, designed for use in industrial wastewater facilities, municipal wastewater treatment plants, lift stations, and rivers and lagoons.

ZI-CHEM 7630 will enhance the biological degradation of the organic chemicals found in municipal and industrial wastewater streams.

ZI-CHEM 7630 contains bacteria proven effective in improving wastewater treatment plant performance. The wastewater treatment bacteria in ZI-CHEM 7630 will break down and metabolize wastewater compounds such as: organic matter, H_2S , NH^3 , PO^4 and NO_2 . Regular use of ZI-CHEM 7630 will reduce or eliminate wastewater odors associated with wastewater and sewage treatment facilities.

TYPICAL PROPERTIES

- Appearance: Not determined
- Concentration: $\pm 10^7$ CfU/ml

PRIMARY APPLICATIONS

ZI-CHEM 7630 should be feed to aeration pond with minimum 2.5 ppm of dissolved oxygen with pH 6.5 -8.5.

FEEDING & CONTROL

Addition of ZI-CHEM 7630 to the point of application could be accomplished by culture, titration or direct spreading with ratio of 1 liter/day for effluent with flow rate ranging 20 – 60 m³/day.

Specific recommendations will be provided by your ZI-TECHASIA technical representative.

THE BENEFITS

- Improving reduction of specific chemicals
- Improving the efficiency in reduction of BOD & COD
- Reducing wastewater odor
- Reducing sludge production

COMMON APPLICATIONS

- Municipal waste water
- Lift station
- Industrial waste water
- Lagoon

PACKAGING

- 25kg pails
- 200kg drums
- 1,000kg IBC's

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