

GP-1080



Bacterial Treatment for Waste Waters dealing with Materials of a Fruit and Vegetable Origin

GP-1080 is a specially formulated microbial product designed to be used in aerobic biological waste water treatment plants to enhance the biodegradation of organic materials of fruit and vegetable origin such as those associated with the food and paper processing industries



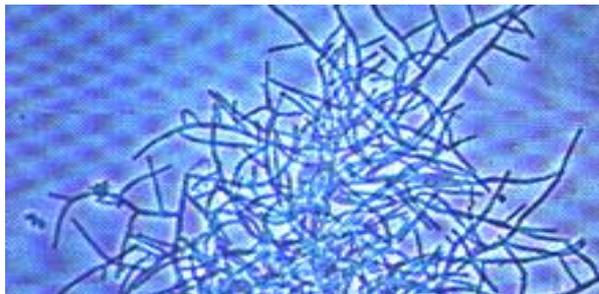
The **GP-1080** formulation contains 17 species of micro organism selected for their ability to degrade starch, cellulose, pectin and a wide range of sugars, in the environment of an aerobic waste water treatment plant.

The product also contains free enzymes, including cellulase, which are important in the initial stages of the activity of the culture. To assist in the initial stages of biodegradation, when microbial numbers are limiting, low levels of surfactants are incorporated in the **GP-1080** formulation.

Benefits of GP1080

- Rapidly establish an effective and efficient biomass in waste water treatment plants receiving effluents from industrial processing of fruit, and vegetables, and plant materials. The use of **GP-1080** enhances the rate at which the most effective biomass is developed to degrade the substrates present in the effluent.
- Increase the BOD/COD removal efficiency and improve the quality of the effluent discharged. Frequently the biodegradation of starches and cellulose from fruit and vegetables is incomplete and an acceptable discharge quality is not achieved.
- Reduce operating and sludge handling cost. Improve effluent quality. Influent with a predominantly carbohydrate composition, such as industrial processing of vegetable based raw materials with high BOD /COD loadings, suffer from incomplete oxidation. This frequently causes poor sludge settlement and non-compliance with discharge standards. The superior degradation of these organic materials, by the cultures in **GP-1080**, can prevent solids wash out and improve sludge settlement characteristics.

We take great pride in offering green, environmentally sustainable chemical solutions and as such all the products in the **GP** range are produced using **environmentally friendly** methods and are formulated to be **fully biodegradable**.



For more information please contact us directly on

08456 432 900

**Fully
Biodegradable
and
Environmentally
Friendly**

**TECHNICAL
SUPPORT**

We are happy to offer on-site technical support during all stages of production. Technical support includes on-site testing and results.

PRODUCT SAFETY

All our products are thoroughly researched and tested. All products are also COSHH registered and come complete with delivery.