



With the goal of improving organic wastes management in different industrial practices, ZoitechLab has developed a new line of bioactive products which are capable of enhancing organic matter decomposition of different organic wastes, and thus optimizing wastes management costs and preventing environmental problems.

ZoiMax Starch contains a combination of different microorganisms, which are featured by a great amylolytic activity. Thereby, this product is ideal for decreasing the high organic and pollutant load of industrial wastes and sludge rich in starch such as:

- Starch wastewaters used as growth media for antibiotic industrial production.
- Derived wastes from beetroot and sugarcane agroindustry.
- Brewing and distillery wastes and effluents.
- Bakery wastes and cereal processing wastewater industries.

Properties

- Gel formulation of high solubility.
- Wide temperature range of action: between 15 °C and 40 °C.
- Wide pH range of action: from 5.0 to 9.0.
- Very stable product: 1 year expiration date.
- Secure: Non-toxic, not caustic, non-corrosive, non-volatile, and non-flammable.

Key benefits

- High reduction of the organic load of solid waste, sludges and effluents with high starch content.
- Reduction of environmental impact by toxic and malodorous gases from industrial facilities.
- Long-term effect by the action of extremely resistant microorganisms.
- Effective degradation of organic wastes under aerobic and anaerobic conditions.
- Totally natural and safe product.

Application

Use weekly 10 mL of **ZoiMax Starch** diluted with 1 mL of water for treating one cubic meter of effluent. Utilize clean containers and water without disinfectants substances. Pulverize hydraulic bomb can be used for spreading the diluted product.