



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 Cellulose** contains a combination of different microorganisms, which are featured by a great cellulolytic activity. Thereby, this product is useful for paper processing industries and other ago-food industries that produce cellulosic-rich wastes and sludge with an organic load above legal limits.

The biological action of the microorganisms contained in **ZoiMax Cellulose** bursts an effective hydrolysis of cellulose, and also other toxic substances derived from bleaching of paper paste. Thus, it is possible to reduce aquatic toxicity of pulp and paper mill wastewater, improving subsequent treatment.

### 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 cellulose content.
- Significant decline of toxic compounds derived from bleaching of paper paste.
- 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 Cellulose** 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.