



ZoiBac Swine is a product based on a novel microbial consortium capable of decomposing pig slurry in own livestock facilities, reducing on-site foul odors and emissions of toxic gases that are harmful for animals.

The biological action of the microorganisms contained in **ZoiBac Swine**, when the product is applied on slurries stored in under-floor pits, allows reducing emissions of toxic gases responsible for respiratory problems and irritation in animals mucous, such as ammonia and hydrogen sulfide. Thereby, **ZoiBac Swine** improves animal welfare and thus increases the fattening rate and livestock productivity.

In addition to under-floor pits, **ZoiBac Swine** can be used to treat the slurry stored in outside tanks and thus reducing time required for its mineralization, and also diminishing emissions of pollutants and malodorous gases from livestock facilities.

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 and bacterial load in animal slurries.
- Biodegradation of contaminant nitrogen and phosphorus compounds contained in animal slurries and livestock effluents.
- To diminish environmental impact of toxic and malodorous gases generated during uncontrolled decomposition of animal wastes.
- 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 2 ml of **ZoiBac Swine** for each swine by diluting the product with water (minimum 500 ml) and pulverize over floor pits every 7 days. Utilize clean containers and water without disinfectants substances. A sprayer can be used for spreading the diluted product.