

BIOPUR

Elimination of odours in slurry storage

BIOTECHNOLOGICAL SPECIALITIES

GROUPS/INDUSTRY

The accumulation of slurry in storage tanks or pools is one of the main sources of bad smells that affect neighbouring populations and the farm animals themselves, and can cause respiratory diseases.

Most of the bad smells are due to volatile compounds caused by the decomposition of manure. Over 200 compounds have been identified that generate bad smells, including those with a sulphur base (hydrogen sulphide and mercaptans), a nitrogen base (ammonia and amines), and volatile organic acids, phenols and alcohols.

Most of these bad smelling compounds are caused by storing purine in anaerobic conditions.

BIOPUR is formulated with strictly non-pathogenic microorganisms, according to European Directive 2000/54/EC.

BIOPUR is a biotechnology product that provides a solution to the problem of bad smells caused by manure. It also acts on other problems caused by the accumulation of this waste, and has the following advantages:

- Acceleration of biological digestion of livestock waste.
- Reduction in maintenance and emptying costs of storage tanks.
- Reduction in solids and organic content.
- Elimination of odours.
- Increase in value as a fertiliser.

DOSAGE AND INSTRUCTIONS FOR USE

BIOPUR comes in 25-kilo drums, and can be added to tanks or pools for storing manure as follows:

- 4 kg a month per 100 cows
- 2 kg a month per 100 pigs

In addition to these maintenance dosages, a shock treatment will be administered during the first week and before emptying the storage tank. The dosage for this treatment will be determined by our Technical Service for each specific case.

To use **BIOPUR**, you should first add it to water in the following proportion: 250 g of the product in 10 litres of water, and leave the product to activate (by shaking) for 15 – 20 minutes.

Once activated, distribute as evenly as possible over the surface of the tank/pool.

– Appearance:	Flowable powder
– pH:	6.0 – 8.5
– Density (g/cm ³):	0.5 – 0.61
– Bacterial count:	> 2 x 10 ⁸ microorganisms per gram
– Humidity (%):	15

SAFETY

- Store in a cool, dry place.
- Avoid inhaling the powder.
- Avoid prolonged contact with the skin.
- In the event of contact with skin, wash thoroughly with soap and water.
- For more information, see the product's safety data sheet.

PACKAGING

Non-returnable 25-kg drums.