

BioforZe OR EF

Biological control of bad smells

BIOTECHNOLOGICAL SPECIALITIES

INDUSTRY

The emission of odours is a common problem in wastewater treatment plants or facilities for the treatment/storage of organic waste.

Fermentation of organic matter in anaerobic conditions leads to the formation of foul smells, which are normally associated with sulphated compounds (hydrogen sulphide, mercaptans), nitrogenated compounds (ammonia, amines) and volatile fatty acids.

BioforZe OR EF has been developed to control the release of these odours. It is comprised of a specific combination of neutralising agents and perfumes. The neutralising agents react with the substances that make up the bad smells to form stable complexes and thus prevent release into the atmosphere.

BioforZe OR EF is particularly effective at eliminating odours resulting from nitrogenated and sulphated compounds.

Given its particular composition, **BioforZe OR EF** can also be used to eliminate environmental odours, by using it in a nebuliser.

APPLICATIONS

- Treatment of effluent: **BioforZe OR EF** can be used to eliminate odours in pipes, inspection hatches, biological and physical-chemical treatment systems in the food industry: abattoirs, tanneries, distilleries, etc.
 - Environmental treatments: **BioforZe OR EF** can be nebulised in industrial sites with problems of bad smells: treatment plants, sludge storage areas and sugar refineries' washing areas.
- It is also effective for exterior treatments: extractors, gases from composting, etc

DOSAGE AND INSTRUCTIONS FOR USE

- Treatment of effluent: the average dosage ranges from 10 to 50 mg/l, depending on the intensity of the bad smells that need to be eliminated. **BioforZe OR EF** can be applied using a dosing pump, after dilution of the product in water at 20-50%.
- Environmental treatments: dilute **BioforZe OR EF** in water at 2-5% and apply via a nebuliser. The application time will always depend on the intensity of the smells that need to be eliminated and the specific problems in each case.

CHARACTERISTICS

- **Appearance:** Liquid
- **Odour:** Perfumed
- **Density at 20°C:** 1.00 ±0.01
- **pH of the pure product:** 6.5 – 8.5
- **Working temperature:** 0 to 45°C

PRECAUTIONS

- Store **BioforZe OR EF** in a dry place at a temperature above 0°C. In order to guarantee the life of the product, avoid prolonged storage at temperatures above 40°C.
- For hygiene purposes, we recommend that you wash your hands with soap and water after using the product.
- In the event of contact with eyes, wash thoroughly with water.

PACKAGING

Non-returnable 25-litre plastic drums.