

# BioforZe FUNGI 50

## DEGRADATION OF GENERAL AND HARD COD

## BIOTECHNOLOGICAL SPECIALITIES

### INDUSTRY

Unlike bacteria, fungi have intrinsic metabolic characteristics that make them particularly useful for use in biological treatment plants.

- They produce a broader, more diverse enzyme *pool* than bacteria, and can also decompose molecules that are difficult for bacteria to biodegrade.
- They have lower needs in terms of nutrient consumption (N, P) and dissolved oxygen, which means they can develop in mediums that are not highly aerated.
- They can develop in a wider range of pH conditions, including media with an acidic pH.
- Their growth in the form of thick filaments (mycelium) gives structure to the biological floc.

**BioforZe FUNGI 50** is a product that associates selected microscopic fungi with bacteria. This combination means that the product is particularly indicated for use in wastewater treatment plants where the COD is particularly high, or where there are components that are particularly difficult for the bacteria to decompose (hard COD).

In addition, **BioforZe FUNGI 50** is suitable for the treatment of sludge sedimentation problems (other than bulking), which could lead to a reduction of suspended solids in the sedimentation.

Finally, **BioforZe FUNGI 50** is also used to remove odours, particularly in storage and treatment tanks.

It can be used in the treatment of wastewater from the:

- Food industry
- Refineries and the chemical industry
- Pharmaceutical industry
- Paper industry

**BioforZe FUNGI 50** is formulated with strictly non-pathogenic microorganisms, according to European Directive 2000/54/EC.

The recommended dose for each case will be defined by our Technical Service, after a specific study of each application.

**CHARACTERISTICS**

- Appearance: Heterogeneous flowable powder
- pH: 6.8 – 8.5

**RECOMMENDATIONS**

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

**PACKAGING**

Non-returnable tubs containing 40 water-soluble bags of 250 grams.