

# BioforZe DP 50

## DEGRADATION OF CELLULOSES AND COMPLEX SUGARS

## BIOTECHNOLOGICAL SPECIALITIES

### INDUSTRY

**BioforZe DP 50** is a biotechnology formula comprised of microorganisms selected for their capacity to break down cellulosic waste and complex sugars.

**BioforZe DP 50** also contains trace elements and nutrients to promote the development of microorganisms.

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

#### APPLICATIONS

**BioforZe DP 50** can be used in industrial effluent treatment plants in the following sectors: paper mills, agri-food industry (sugar refineries, distilleries, canning industry), and in urban wastewater treatment plants.

#### ADVANTAGES

**BioforZe DP 50** improves the function of the treatment biomass by:

- increasing **enzyme** production,
- speeding up **development**,
- enhancing **function**, even in anoxic conditions,
- and degrading recalcitrant molecules (**cellulose**).

Therefore, **BioforZe DP 50** can be used to:

- Increase the efficiency of overloaded biological systems.
- Improve the rates of eliminating COD, BOD and suspended solids.
- Recover biological systems affected by toxic shocks, pH, etc.
- Improve sludge sedimentation.
- Cut the costs of managing treatment plants: energy, flocculants, transport and removal of sludge, etc.

### **DOSAGE AND INSTRUCTIONS FOR USE**

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
- Bacterial count:  $4 \times 10^9$ /g

### **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 20-kg tubs.