

# BioforZe DP 10

## HYDROCARBON DEGRADATION

## BIOTECHNOLOGICAL SPECIALITIES

### INDUSTRY

**BioforZe DP 10** is a biotechnology formula comprised of microorganisms selected for their capacity to break down numerous chemical compounds, including:

- Linear chlorinated hydrocarbons; ethylene dichloride, etc.;
- aromatic products; benzene, styrene, creosol, etc.;
- intermediate organic compounds; formaldehyde, organic acids, alcohols, ketones, etc.;
- nitrogenated compounds.

**BioforZe DP 10** also contains trace elements and nutrients to promote the development of microorganisms.

**BioforZe DP 10** is formulated with strictly non-pathogenic microorganisms, according to European Directive 2000/54/EC.

#### APPLICATIONS

**BIOFORZE DP 10** can be used in industrial effluent treatment plants: in the chemical and pharmaceutical industries, and in urban wastewater treatment plants affected by industrial discharge.

#### ADVANTAGES

- Accelerated degradation of organic substances: aldehydes, ketones, amines, hydrocarbon derivatives.
- Reduction in the volume of secondary sludge produced, and in the corresponding management costs (flocculants, transport and removal).
- Improvement in the rate of COD, BOD and TOC reduction.
- Effectiveness of all water treatment systems: activated sludge, bacterial filters, rotating biological contactors, etc.
- Helps treatment plants to address problems of overloading and toxicity.
- Enables fast restart of treatment systems that have been affected by accidental discharge.

## **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 drums.