

BioforZe HYDROSURF

CLEANING AND DEGRADATION OF HYDROCARBONS

BIOTECHNOLOGICAL SPECIALITIES

INDUSTRY - GROUPS

BioforZe HYDROSURF is a new product that forms part of the latest generation of biological detergents based on a combination of surfactants and selected microorganisms.

BioforZe HYDROSURF contains microorganisms that can degrade a wide range of hydrocarbons, including those found in petrol, diesel and crude oil: benzene, toluene and ethylbenzene, etc.

BioforZe HYDROSURF also contains a specific combination of surfactants with a high emulsifying and wetting value that boosts the processes of biodegradation of hydrocarbons as it increases their bioavailability.

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

APPLICATIONS

BioforZe HYDROSURF can be used for:

- Deep cleaning of surfaces that are contaminated with hydrocarbons (car park floors, service stations, car cleaning facilities, loading bays, etc.).
- Treatment of water systems with a high hydrocarbon content (service stations, car wash systems).
- Decontamination of soil contaminated by hydrocarbons.

ADVANTAGES

- Cleans and degrades hydrocarbons.
- High power as a wetting agent and emulsifier.
- Helps to maintain oil spills within limits.
- Removes bad smells: from septic tanks and hydrocarbons.
- Does not contain solvents.

DOSAGE AND INSTRUCTIONS FOR USE

- **CLEANING OF SURFACES:**

For general cleaning, use between 100 and 200 ml per litre of water. Apply pure product if the surfaces are very stained.

- **WATER TREATMENT:**

Use 100-150 ml per m³ of water in the circuit per day.

Ideally, add to the tanks situated under car washes or in inspection hatches before the oil separator.

In general, **BioforZe HYDROSURF** is used at 0.1% p/p in relation to the amount of soil to decontaminate.

BioforZe HYDROSURF can be diluted to 3-5% in water prior to application.

CHARACTERISTICS

- | | |
|----------------------------|--------------|
| - Appearance: | Thick liquid |
| - pH (5%): | 10.4 – 10.7 |
| - Bacterial count (cfu/l): | $> 10^8$ |

RECOMMENDATIONS

- In the event of contact with the eyes, rinse immediately with copious amounts of water and seek medical attention. Use eye and face protection.
- Handle with the normal precautions for handling concentrated detergents.
- Wash hands with water after use.
- Store in a cool, dry place
- For further information, see the product's safety data sheet.

PACKAGING

Non-returnable 25-kg drums.

Non-returnable 1,000 kg containers.