

BIOHIDROSOL H-100

BIOLOGICAL ACTIVATOR IN WATER-SOLUBLE BAGS

BIOTECHNOLOGICAL SPECIALITIES

GROUPS

Septic tanks have three, well-differentiated layers. An upper layer containing organic matter that floats, a middle layer that will be the outflow and contains partially treated water, and a lower layer that is the sludge layer, where the inorganic or inert waste is found, the solid fraction of sewage water and sludge from the bacterial decomposition of the upper layers.

In septic tanks for *all wastewaters*, the upper layer is affected by the accumulation of fats from kitchens, which can lead to total blockage of the system and hamper subsequent water treatment phases: biological filter, drainage ditches, etc.

Another basic characteristic of septic tank operation is the need to regularly remove the build-up of solid residues from the bottom and the surface. If this maintenance is not carried out, the system collapses.

In addition, the accumulation of solid waste and the degradation of organic matter in an environment without oxygen leads to the release of bad smells.

BIOHIDROSOL H-100 is a product that is specially designed to treat all problems generated by the presence of a septic tank, whether it is for sewage only, all wastewaters or a soakaway. In addition, **BIOHIDROSOL H-100** can be used to treat pipes.

BIOHIDROSOL H-100 contains natural microorganisms selected for their capacity to break down the main components of urban wastewater: celluloses, proteins, plant and animal fats, detergents, etc.

In addition, **BIOHIDROSOL H-100** provides the nutrients and trace elements required for microorganisms to develop correctly.

Due to its special formulation, **BIOHIDROSOL H-100** is slightly effervescent. This rapidly activates the microorganisms it contains and favours its introduction and action in the medium.

In addition, the action of the components of **BIOHIDROSOL H-100** provide:

- Slight descaling action on limescale.
- A solubilising, wetting and emulsifying effect on organic waste, which acts synergistically with the descaling agents to remove limescale.

BIOHIDROSOL H-100 is formulated with strictly non-pathogenic microorganisms, according to European Directive 2000/54/EC.

ADVANTAGES

- Reduces the need to clean and empty septic tanks.
- Controls bad smells.
- Keeps pipes clean.
- Allows rapid seeding of new septic tanks and accelerates start-up after a prolonged period of disuse (for example after holidays or in second homes).
- Rapid activation of microorganisms due to effervescence.
- Action to descale and dissolve/emulsify organic matter (fats).
- Does not contain caustic soda.
- Highly stable and can be kept for long periods.
- Can be handled easily and safely, due to its presentation in water-soluble bags.

DOSAGE AND INSTRUCTIONS FOR USE

- Septic tanks: As a shock dosage, use 4 bags per cubic metre of capacity of the tank during the first week. Then, use 1 or 2 bags every 15 days per cubic metre of capacity.
- Pipes: 1 bag a week for each 50 metres of pipes.

Empty and clean the tank before use if a considerable accumulation of solids is found on the surface.

For use in septic tanks, put the bag/s into the toilet bowl. Allow the product to act for 5-10 minutes and pull the chain. If some deposits of the product can be seen at the end of this operation, scrub with the toilet brush and flush the chain again.

To use in pipes, dissolve the bag in a bucket of water, leave for 5-10 minutes and pour the solution into the affected drains.

Do not use **BIOHIDROSOL H-100** with acid or basic products or with disinfectants.

CHARACTERISTICS

Appearance:	Brownish white powder
pH (5%):	7.0 – 8.0
Bacterial count:	200 million microorganisms per gram

SAFETY

See product safety information sheet.

PACKAGING

Boxes of 10 tubs containing seven 100-gram water-soluble bags.