

## HIDRO ENZIM

LIQUID COMPOUND OF HIGHLY ACTIVE MICRO - ORGANISM DEODORIZING, TO CLEAN ALL SEWER SYSTEMS AND KEEP THEM FREE BY NATURAL DIGESTION OF THE ACCUMULATION OF ORGANIC WASTE.

## USES

Water pollution and disgusting stench in proximity of the oxidation ditches and sedimentation fields of waste are mainly due to sulfide of hydrogen produced by the decomposition of organic waste materials. **HIDRO ENZIM** is made up of living organisms that thrive at the expense of this hydrogen sulfide, eliminating it quickly. Furthermore, **HIDRO ENZIM** is used with excellent results for the treatment of all the sewage systems or expulsion of the slurry where the organic sediments constitute a problem as in wells, drains, septic tanks, tanks of disposal or drainage fields, of restaurants, commercial buildings, condos, plants for food processing, hospitals, schools, nursing homes, zoos, etc ..

## SUGGESTIONS FOR USE

### A. deodorizing

A.1 To deodorize all resources used for the collection and transportation of waste, dilute **HIDRO ENZIM** with equal amount of warm water (no more than 49 ° C) and spray thoroughly. Possibly let react during the night before rinsing.

A.2 For deodorizing bathrooms, closets, indoors, and so on, add 15-20 cc of product to a liter of neutral detergent.

Rinse thoroughly after treatment.

### B. To remove obstructions of in ducts of waste disposal lines.

#### B.1 General

Add **HIDRO ENZIM** directly into the discharge nozzle or in the interception well in the shorter period of use of the system, followed by a small amount of lukewarm water. If the water is too hot, or there are chlorinated products and disinfectants that destroy living organisms, those should be eliminated through the drain before administering **HIDRO ENZIM**).

#### B.2 For sewer pipes

tube size -	Daily dose	Weekly dose	2 "(5 cm) 30 cc 250 cc (1/4)
4 "(10 cm)	60 cc	500 cc (1/2)	
6 "(15 cm)	90 cc	750 cc (3/4 l)	
8 "(20 cm)	150 ml	1 liter	

**HIDRO ENZIM** should be administered on a regular daily or weekly on your choice. When treating of multi-storey buildings, always begin your treatment in the lowest floor, and proceed upwards by treating one floor per day. Should the problem was due to the fat, treat the interception well 48 hours before treating the sewer pipes.

#### B.3 For interception wells of fats.

Capacity	First Dose	Maintenance Dose
0.5 m3 (5 hl)	8 dl (10.8)	100 cc / diem
1.0 m3 (10 hl)	16 dl (11.6)	200 cc / diem
1.5 m3 (15 hl)	24 dl (12.4)	300 cc / diem
2.0 m3 (20 hl)	32 dl (13.2)	400 cc / diem

If the well is clean, add a dose of purge following 48/72 hours, from the required maintenance dose. If the well is caked, but still with flow, add the doses of purge at intervals of 48 to 72 hours until the encrustation does not disappear, and the flow in the well is not restored completely. After that, start the maintenance treatment with the prescribed dosage.

#### B.4 For septic tanks and black wells.

Capacity	Initial Purging	Maintenance Dose
5 m3 (50 hl)	3.5 l	200 cc / week
10 m3 (100 hl)	7.0 l	400 cc / week
15 m3 (150 hl)	10.51 l	600 cc / week
20 m3 (200 hl)	14,01 l	800 cc / week

To clean the beds percolators of septic tanks, add 8 to 16 liters of **HIDRO ENZIM** to the distribution box. If the facility is not equipped with a switch box, and **HIDRO ENZIM** could not be entered directly into a biological filter, add the product is into the septic tank. Repeat every week until the accumulations disappear and the running system is restored. Then, the methodical use of **HIDRO ENZIM** in the septic tank will prevent the recurrence of the problems in the trickling filters.

B.5 For fields or ditches of drainage.

Capacity	First Dose	Maintenance Dose
4 m <sup>3</sup> (40 hl)	30 cc / diem	15 cc / diem
40 m <sup>3</sup> (400 hl)	120 cc / diem	30 cc / diem
400 m <sup>3</sup> (4,000 hl)	1,200 cc / diem	500 cc / diem
4,000 m <sup>3</sup> (40,000 hl)	12 l / diem	4 l / diem

Treat at initial dosing for two weeks or until it disappears the layer of waste in the surface, then proceed with the maintenance dose.

**HANDLING OF NATURAL ORGANIC PRODUCTS:** the optimal of operation of biological organisms occurs in the environment of a pH of 6.85. If the effluent is consistently beyond this level, its neutralization improves the activity of **HIDRO ENZIM**. Also the temperature is a factor that influences the activity of natural organisms. **HIDRO ENZIM** is more active at warm temperatures (50 ° C, above this level, the crop may die). As with all other natural organic products, wash your hands after handling the product.

#### **ADVANTAGES**

1. **HIDRO ENZIM** contains strong bioactive crops to free and keep in efficiency discharges and sewage systems by preventing the accumulation of organic waste.
2. It liquefies all types of organic matter: protein, fat, oil, cellulose, starch and human waste.
3. **HIDRO ENZIM** is in three ways safer to use than any other product for discharges:
  - A. It does not contain acids or corrosive alkali that make the product dangerous when handled.
  - B. It does not contain the harsh chemicals that damage sewage systems or surrounding surfaces (**HIDRO ENZIM** is neutral so is safe like the water on any surface with which it may come into contact).
  - C. Harmless both for the flora and for the fauna.
4. free from unpleasant odors: **HIDRO ENZIM** does not contain chemicals whose vapors produce bad odors. In fact, its regular use eliminates or drastically reduces the odor of waste.
5. **HIDRO ENZIM** is easy to use. It requires no mixing, it can be administered manually with any container, or automatically with a dosing pump.

## FEATURES COD. 51E10

Type	Concentrated liquid crops
Color	Pink
Smell	Lightly of fruit
Flammability	Non-flammable
Toxicity	Could be harmful if swallowed
pH	Neutral
Composition	Bacterial crops aerobic and anaerobic living suspended in water

Note: - The contents of this document is based on our own knowledge and experience on the product. It is given as an indication, do not assume our responsibility for particular applications.