



Product Specification Report

V. 1.0

Powdered, effervescent biological activator based on bacterial/enzymatic cultures

ZEP-BIO-ZYME

Biological activator for drains and septic tanks

CHARACTERISTICS:

Effervescent formula	Boosts speed and efficiency of the biological degradation processes
Digestive action	ZEP-BIO-ZYME rapidly digests organics such as grease, proteins, starch, and cellulose, thereby greatly reducing the need for maintenance of drains and septic tanks.
No more foul odors	Inhibits the formation of hydrogen sulphide (H ₂ S), which typically causes "rotten egg" smell
Safe	Formulated with non-pathogenic bacteria. Does not contain caustic soda, safe on all materials and operators.

APPLICATIONS

Food industry, restaurants, hotels, clinics, camping sites, airports, cafeterias, and anywhere drains and septic tanks might be present.

USAGE

Dose adequate quantity of product according to the table here below, directly on the source of the problem. To further enhance the action, pre-dilute in warm water (100 mg of product in 1 lt of water), allowing it to rest for 15 ÷ 60 min. Dose the resulting solution in the drain.

Grease traps	
	Dose for meals/day (M/d)
First 2/3 weeks (every day)	50÷100 M/d → 80 gr
	100÷400 M/d → 240 gr
	400÷700 M/d → 320 gr
Maintenance (2 times/week)	50÷100 M/d → 40 gr
	100÷400 M/d → 120 gr
	400÷700 M/d → 160 gr
Drains	
First 2/3 weeks (every day)	50 ÷ 80 gr/100 m pipe
Maintenance (2 times/week)	80 ÷ 120 gr/100 m pipe
Septic tanks	
First 2/3 weeks (every day)	20 ÷ 40 gr/m ³ capacity
Maintenance (2 times/week)	30 ÷ 60 gr/m ³ capacity

SPECS

CHEMICAL & PHYSICAL	VALUES
Form	Powder
Color	Beige
Odor	Light, of yeast
Miscibility in water	Soluble
Specific weight	1,07 gr/cm ³
Bacterial content	5 x 10 ⁸ CFU/g
Bacterial pool	<i>Bacillus</i> stabilized spores
Metabolism	Facultative anaerobic and aerobic
Free enzymes	Amylase, protease, lipase

PRECAUTIONS

Store between 5°÷30°C. Application pH should be between 5,5 and 9,5, with optimal levels between 6,0 e 8,0. Do not use in combination with acids, alkalis, or sanitizers, which hamper the efficiency of the product. Apply preferably at night in order to allow longer contact time in the system. For further info please refer to MSDS.

Tutte le informazioni contenute in questo documento si basano sulle nostre esperienze pratiche e / o esami di laboratorio. A causa del largo spettro di condizioni per l'utilizzo e imprevedibili fattori umani, si consiglia sempre testare i nostri prodotti prima di uso finale. Questa scheda tecnica potrebbe già esser stata rivista sulla base della legislazione, la disponibilità dei singoli ingredienti o le informazioni di nuova acquisizione. Siamo in grado di inviare, su richiesta l'ultima versione valida, che è al tempo stesso la versione più aggiornata.



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