

ECOPPOINT

TECHNICAL DATA SHEET

By nature,
for life

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TECHNICAL DATA SHEET

E.P. BioZyme. Ecologically safe, natural biological maintenance agent for sewers, septic tanks and grease traps. For degrading both natural and mineral oils and greases.

Product description

E.P. BioZyme is a biological product based on a mixture of bacteria and enzymes. E.P. BioZyme has been developed to clean and maintain sewer pipes, septic tanks and grease traps in a natural way. By restoring the frequently disturbed ecological balance, E.P. BioZyme prevents blockages and stink nuisance and reduces the costs of emptying, unplugging and cleaning such drainage systems.

Solution areas

- it is not always desirable or permitted to drain various pollutions via the sewage system
- grease, oil and other organic waste are not degradable and therefore cause blockages and odour
- blockages cause expensive extra work such as unplugging, repairs etc.
- chemical unplugging agents harm the environment; they are highly corrosive, hazardous to man and they damage the sewage system
- emptying and cleaning a grease trap is an expensive and annoying job, so it must be kept to a minimum
- grease traps often contain vegetable, animal and mineral oils and greases that can only be degraded to a limited extent by using a small range of bacterial strains that hence do not drastically reduce the frequency of emptying

Sustainable solution

E.P. BioZyme is a purely natural product based on a mixture of various “dormant” bacteria that become active as soon as they are being exposed to various organic waste. E.P. BioZyme is the agent for preventing blockages in an environmentally friendly way and, in the same time, for reducing the quantity of chemical waste that has to be collected at great costs. E.P. BioZyme already degrades a large part of the (mineral) contamination in the grease trap so that the frequency of emptying can be significantly reduced. E.P. BioZyme has a preventive effect on sewer maintenance; prevention is always better than curing afterwards.

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Special advantages

- E.P. BioZyme is a product of mother nature
- E.P. BioZyme has a preventive effect and contains all the necessary bacteria and enzymes to degrade animal, vegetable and mineral oils and greases
- E.P. BioZyme is simple to use: all you need to do is regularly dose a small quantity
- E.P. BioZyme does not harm man, the environment or materials
- E.P. BioZyme is a substitute for hazardous aggressive chemical unplugging agents based on acids and lyes (think of sulphuric acid and caustic soda)
- E.P. BioZyme significantly reduces the emptying frequency of grease traps
- E.P. BioZyme reduces stink and unpleasant smells
- E.P. BioZyme rapidly degrades both organic waste such as proteins, greases, oils, cellulose etc. and mineral conservation, lubrication and motor oils.
- E.P. BioZyme restores the ecological balance in drainage systems
- E.P. BioZyme consists of safe, non-pathogenic bacteria and enzymes

Areas of application

E.P. BioZyme can be used for all sorts of waste systems (septic tanks, wash basins, scrubbing pits and grease traps) and to stimulate composting processes. In order to obtain optimal results we advise using the BioZyme dosing unit: see special appendix for use.

E.P. BioZyme also degrades spilled oil more rapidly, both on hard and porous surfaces.

Regular use is necessary to obtain good results. Select daily or weekly treatment and do not deviate from this! E.P. BioZyme works best at temperatures between 15°C and 35°C. At temperatures above 50°C the micro-organisms may be destroyed, at temperatures below 4°C the bacteria revert to a 'dormant' state.

E.P. BioZyme loses its effectiveness when aggressive cleaners are swilled through the system. In that case, add a new dose of E.P. BioZyme.

Product instructions

When using E.P. BioZyme, regular dosage is a 'matter of life and death'. You can opt for manual or automatic dosing.

In case of manual dosage in grease traps, you should start by adding approx. 0.5% of the total volume (add 5 litres to each 1000 litres of content). Furthermore, a daily dose of 200 ml per 1000 litres should be added. For automatic dosing and further use, see special appendix.

It is important that the dose is being added once all cleaning activities are finished: use just before you leave the installation.

When using the product in case of incidents or stains, clean first with a neutral or mildly alkaline product (E.P. Neutrax, E.P. Power NF) if necessary; then use E.P. BioZyme once and let the product do its job.

Packing material

Eco-Point International products are packed in polyethylene H.D. or metal drums. When repeat orders are being delivered, used drums which are empty and not polluted are collected free of charge for recycling or reconditioning purposes. When incinerated, polyethylene has no harmful effect on the environment.

Eco-Point sprayers are made of PE or PET: light weight, little raw material per bottle, low production energy consumption, virtually unbreakable and therefore long life, little waste during production and recycling, no harmful substances when incinerated, 100% recyclable. These sprayers have wide footing to improve stability and a handy graduation to simplify using.