

LT FILTER e LT PLUS



Due to thirty years of experience, **Labiotech** is in a position to **offer many solutions to the problem of air treatment** in order to eliminate odors, chemical contaminants and dusts among others.

Labiotech designs, manufactures and tests its own equipment, and **offers after-sale maintenance and assistance.**

Labiotech designs and tests all the equipment offered, in order to **guarantee the best possible result.**

Treatment for biofilter reactivation and keeping it efficient condition.

Biofilters are mainly used as odour abatement devices in composting and wastewater treatment plants. The purification process with biological filtration is based on the transfer of the pollutant from the gaseous to the solid phase. All this happens by the oxidation of polluting substances carried out by the bacteria that live on the liquid film around the filling materials of vegetable origin. The biofilter material works under predetermined operating conditions such as humidity, temperature and contact time with the flow of the air to be treated. To increase the efficiency of biofilters Labiotech proposes the use of two specific products:

LT FILTER is a liquid product formulated for reactivation of biofilter material. The mixture of bacterial strains and nutrients contained in it ensures a wide range of action, rapid acclimatization, safety, compatibility with the biomass present and maximum effectiveness on each type of plant and its ecosystem. It completely degrades all the smelly substances lengthening the intervals between the replacements of the filtering materials, promotes the start of new biofilters and increases their capacity and efficiency by controlling odours and minimizing the effects resulting from an increase in odour load and the presence of bio-toxic substances.

LT PLUS is a liquid product to maintain the efficiency of biofilters. It consists of organic compounds extracted from vegetables and seaweed. Ideal for biofilters that sometimes operate in critical conditions, under-dimensioned and with odour loading peaks; keeps them soft and oxygenated, favoring the penetration of water and the bio-depurative exchange of pollutants. It improves the biological purification capacity and promotes the reproduction of microorganisms, it is safe, natural and efficient even in extreme pH and temperature conditions for biological life.



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LT FILTER **Liquid mixture for biofilter reactivation.**
Dose directly into humidifying water or manually using a spraying pump.

Dosage Dose 0,1 lt. Of concentrated product for each cm of volume of biofilter.
1 per week for the first month, then repeat the treatment once a week

PROBIO025 **The product is supplied in 10 liter pail.**

LT PLUS **Concentrated liquid formulation for the maintenance of biofilters in efficiency.**
Dose directly into the humidifying water or manually using a spraying pump.

Dosage **Dosing weekly** in humidifying water 0,02 kg. per cm of filtering mass

PROBIO029 **The product is supplied in 10 liter pail.**

INSTRUCTIONS -STORAGE

- Keep at temperatures ranging from 5°C to 35°C, and protect from cold and heat sources.
- Keep the container closed when not in use.
- Wash with abundant water in case of contact with eyes or skin.
- Drink a large quantity of water in case of ingestion, and see a doctor.
- Never throw the product as such in sewerage, pits, drains or water streams.
- Avoid throwing the container after use, but dispose of it according to norms in force in the Country.

Advantages of the product

- Can be used both in aerobic and anaerobic conditions;
- promotes the start of new biofilters;
- improves the performance of the biofilter;
- reduces bad odours;
- has a minimal dosage;
- minimizes the effects of increased odour load of the biofilter; is
- easy to use and provides immediate answers;
- keeps the biofilters soft and oxygenated, favoring the penetration of water and the bio-depurative exchange of pollutants.

