

LT DEO



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.

Osmogenic barrier for odors treatment

LT DEO is a concentrated liquid, scientifically formulated to **neutralize smells** due to the decomposition of organic waste, leachate, wastewaters, etc.

The main fields of application are the treatment and storage of solid and liquid waste (water treatment plants, composting plants, landfills, etc.). Through spraying systems, the product builds osmogenic barriers eliminating smells, thus using **the osmogenic barrier technology**.

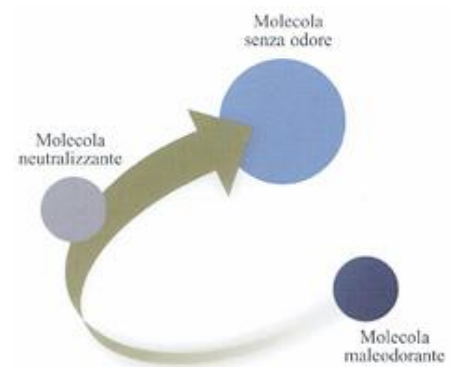
Osmogenic barriers are made of dilution water and specific products, **certified as being deprived of polluting agents, perfectly harmless from the point of view of chemical and biological risks, and having practically no environmental impact**.

The LT DEO process **does not rely on a chemical reaction**, but on an actual air cleaning effect, very similar under some aspects to the well-known water cleaning process, **able to guarantee up to 80% of efficiency rates as regards odor concentration reduction**.

Fragrance tracing is indicative of optimal dilution.

An osmogenic barrier is the only solution in the case of emissions diffusion, when it is not possible to convey odors. However, it also works very effectively in the presence of conveyed emissions.

This abatement technology applied on diffused emissions by means of water spraying systems, with or without additives, is defined as BAT in documents regarding Best Available Techniques (BAT Conclusion).



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Liquid product for the neutralization of odors with the addition of a slight fragrance

Dosing	Dilution in water at a concentration rate ranging from 0,5 to 3%.
PROIND072	The product comes in plastic containers of 20 liters.

Dilution rates suggested above are obviously indicative as the type of odor and dimensions of the area to be treated may affect the product efficiency, thus requiring another dosing.

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 streams of water.
- Avoid throwing the container after use, but dispose of it according to norms in force in the Country.

Advantages of the product

- High deodorizing efficiency;
- No release of chemical substances in the environment;
- No use of substances yielding secondary products;
- Components do not oxidize nor modify in the air;
- Process not influenced by visible and ultraviolet sun radiation;
- Presence of terpenic oil extracts and natural essential oils acting as olfactometric indicators for optimal dilution;
- No substances classified as dangerous for the environment;
- No dangerousness symbols on the label;
- Package made of "second life" recycled plastics.

