

NOVOMAX

ODOR ELIMINATOR



Description:

Novomax Odor Eliminator is a biotechnological product formulated for the neutralization of volatile compounds responsible for bad odors and the accelerated decomposition of organic residues embedded in various infrastructures. Its application is effective in sanitary and water treatment systems, including bathrooms, drains, septic tanks, pits, biodigesters, WWTPs, lagoons, hydraulic networks, and industrial kitchens, optimizing biodegradation and preventing the accumulation of organic matter in the systems.

Unlike conventional products that only mask odors with temporary fragrances, Novomax Odor Eliminator acts at the root of the problem. Its biotechnological formula decomposes the volatile organic compounds responsible for bad odors, such as ammonia, methane, and hydrogen sulfide, eliminating them permanently instead of hiding them. Thanks to its high concentration of specialized microorganisms, this treatment guarantees a long-lasting and effective solution, improving environmental quality without the need for harsh chemicals.

Benefits:

- Eliminates volatile compounds such as ammonia, methane, and hydrogen sulfide.
- Microorganisms and biological enhancers decompose organic matter in sanitation systems.
- Reduces BOD, TSS, and suspended solids, improving water treatment.
- Works in bathrooms, drains, septic tanks, wells, lagoons, biodigesters, kitchens, and WWTPs.
- Effective in both aerobic and anaerobic systems.
- Biodegradable and safe for the environment.
- Reduces residue accumulation and operating costs in drainage systems.
- Dilutes in water and maintains effectiveness for up to 2 years.



Presentation	5-gallon container (19 liters)
Fragrance	SODA
pH	7.0 – 9.0 (Optimal 7.5)
Temperature	Between 10°C and 45°C (Optimal)
Storage	Cool, low-humidity, and isolated places
Environmentally Safe: Does not produce adverse effects in wastewater treatment plants.	



Dosage:

The application dose is approximately 50 ml for every 10 liters of water to be treated. These values will depend on the specific conditions of the water and the expected final characteristics. Aeration is recommended to accelerate the biodegradation process.

- Keep the container closed and out of the reach of children.
- In case of ingestion, DO NOT induce vomiting.
- Consult your physician or go to the nearest toxicology department.

Application:

1.- Preparation:

- Dilute 50 ml of product per 10 liters of water.
- In cases of high concentration of organic residues or strong odors, increase the dosage according to the system's needs.

2.- Direct Application:

- Pour the prepared solution into drains, septic tanks, pits, biodigesters, lagoons, or hydraulic systems.
- For WWTPs and industrial systems, distribute the product at the system's inlet or in areas with the highest organic matter accumulation.

3.- Treatment Optimization:

- It is recommended to apply with additional aeration to accelerate the biodegradation of organic residues.
- In continuous flow systems, carry out periodic applications to maintain effectiveness.

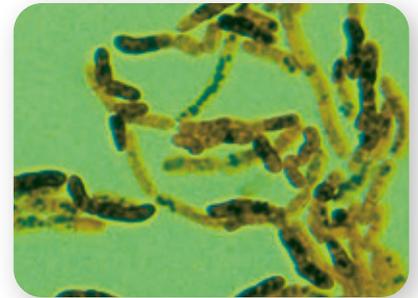
4.- Application Frequency:

- Preventive use: Apply every 7 to 15 days.
- Corrective treatment: Apply daily until the problem is eliminated, then continue with regular maintenance.

Formulation:

Novomax Odor Eliminator contains an advanced formulation with 300 million microorganisms per gallon, specifically selected for their ability to degrade organic matter and neutralize volatile compounds responsible for bad odors, such as ammonia (NH_3), methane (CH_4), and hydrogen sulfide (H_2S).

The microbial strains present in the product act under both aerobic and anaerobic conditions, optimizing the degradation of organic residues in different water treatment and sanitation systems.



Case Study: South Dakota, USA

Problem: Oxidation lagoon (3 stages, no solids retention) from 2,220 dairy cattle. Strong hydrogen sulfide odors from all three stages were causing complaints from neighbors.

Treatment: With Novomax ODOR ELIMINATOR applied to the lagoons through monthly dosing via a peristaltic pump based on inflows from barns. A surface aerator was installed to accelerate microbial activity.

Results: Sulfide levels reduced to almost zero. BOD reduced by >80% and TSS reduced by 80%. Liquid consistency shifted from a thick sludge to a thinner, less viscous liquid, almost odorless.

