

Petronet Alfa[®]

Waster Water treatment and soils



Specific biological promoter for the recovery and cleaning of soils, wastewater and industrial waters contaminated by organic components.

It optimizes and speeds up the biodegradation processes carried out by the indigenous micro-flora in the soils and in the waters under treatment.

PHYSICAL PROPERTIES:

- Appearance: granular powder.
- Humidity: 4-5%.
- PH in solution: $7 \pm 0,5$.
- Color: grey.

COMPOSITION:

- Selected specific aerobic bacterial strains.
- Yeasts.
- Plant extracts.
- Carbohydrates, amino acids and oligopeptides.
- Mineral biocatalysts.

GMO Free (Genetically Modified Organisms).

The microorganisms of the compound belong to the group of first class according to the board directive 93/88 / EEC of 10/12/1993.

The bacterial strains used are not included in the list of biological agents classified in Appendix XLVI of Law 81/2008.

Petronet Alfa[®] does not contain any agent that can cause diseases to people, animals or plants.

USE AND DOSAGE:

- **APPLICATION IN SOILS:** apply directly on contaminated soil, previously dispersed in water, or in powder form.
- **APPLICATION ON CONTAMINATED WATERS:** apply directly to the water to be treated; in some cases it is necessary to perform a previous activation to multiply the decontaminating effect.
- **DOSAGE:** the quantity of this product, as well as the nutrient-synergist, will be determined by our technicians according to the physical-chemical conditions of the contaminated substrate and the concentrations of the contaminant. However, a dose of 1 Kg of Petronet Alfa[®] is recommended for 50m³ of contaminated water or 200grs. of Petronet Alfa[®] per 1m³ of contaminated soil.

INDICATIONS:

Petronet Alfa[®] is a compound based on aerobic microorganisms; for proper operation it is necessary to practice good aeration of the affected substrate, in the form of air blown into the bottom; in the absence of aerated the effect is less.

The temperature is a great activator of the Petronet Alfa[®] effect up to an upper limit of 37°C; at higher temperatures the effect is reduced until its disappearance and at lower temperatures the effect is to decelerate the rate of degradation of the contaminants, without canceling their activity.

The Petronet Alfa[®] product is hygroscopic, so it is advised that once opened, it is kept isolated and preserved from the environment to prevent its degradation and the formation of active agglomerates.

*SDU: Smart Doser Unit. Device that activates and dose the product in an automatic way. Comercialized by Amapex Environnement SL. Download TDS.

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