



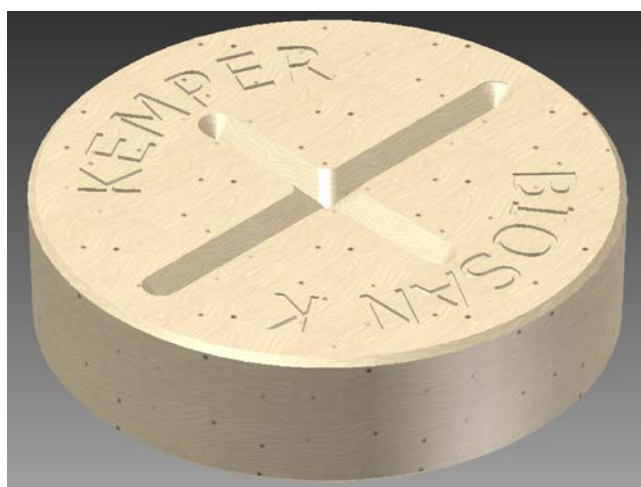
BIOSAN K

FUMIGANT TABLET

DISINFECTANT PARAFORMALDEHYDE BASED

PRODUCT NOT INTENDED FOR THE ITALIAN AND EUROPEAN UNION MARKET

BIOSAN K is a powerful sanitizer in the form of a tablet (700 g each) based on paraformaldehyde. Acts against pathogenic microorganisms and viruses exploiting the direct action of heat obtained following a slow combustion. During this process of fumigation, each tablet releases 300 liters of formaldehyde in a constant and continuous way, ensuring, for about 4 hours, a stable concentration of vapors. As this gas is anhydrous and lighter than the air, it spreads evenly in the close room. The result is therefore a deep and prolonged capillary disinfection of the environment. The strong and lasting bactericidal power, the rapid and simple application, the harmlessness proven for most



of the materials and the versatility against microorganisms make the BIOSAN K an excellent bactericidal for use in environments where work is required for disinfection and in healthcare prevention of all infectious diseases. Moreover it stops fermentations, it is insect repellent, noncorrosive, leaves no odors and flavors. Normally to disinfect 100 m³ of environment are used 3 liters of liquid formalin at 33%, with 3 Kg of potassium permanganate and the exothermic reaction produces about 99 grams of formaldehyde which remains active for 32 minutes. With just one tablet of BIOSAN K, 200 gr (300 lt) of formaldehyde are released, and remain active for more than 6 hours.

Range of use: can be used in livestock sector for disinfection of cattle farms, poultry and rabbits, brooders; (in agriculture for the treatment of storage silos); to disinfect ships' holds, trucking, warehouses, docks, stocking places, refrigerators, hospitals and of all those environments that require specific and capillary disinfection.

Composition: paraformaldehyde 37%; excipients 63%.

Instructions for use and dosage: one tablet is used for the disinfection of 300/400 cubic meters of environment depending on the area of use.

1. Ignite the tablet. **2.** Wait until the tablet becomes black. **3.** Flame out by covering. **4.** Leave the tablet to fumigate until it is consumed.

Packaging: packaging boxes of 20 tablets each; each tablet is in turn enclosed in a bag in which the instructions for use are written.

We recommend also our **BIOSAN STERIDET** a sanitizer/disinfectant in form of powder.

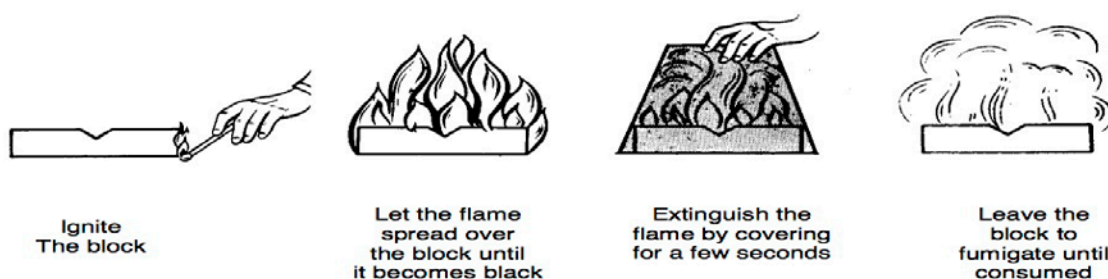
Note: Check in advance the methods of use. Uses approved and regulations can change from country to country.

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Advantages:

- **Easy:** no need for special equipment for application.
- **Effective:** fumigation guarantees longer lasting action (active principle remains whether the housing remains closed) and as it is an anhydrous gas, lighter than the air, it penetrates everywhere and reaches all the surfaces.
- **High performance:** 1 tablet (700 g) covers 300 cubic meters.
- **Safe:** application doesn't need any human involvement (save time, staff, health): once the operator has placed the tablet and ignites, 90% of the job is done (no more than 5 min per tablet). During activation use protective mask for organic fumes.

Ease of use:



Effectiveness

The following table summarizes the results obtained at third party laboratories:

Test method	Species	Result
UNI EN 1657 (For fungi)	Candida albicans	PASS
	Aspergillus niger	PASS
UNI EN 1656 (For bacteria)	Escherichia coli	PASS
	Proteus vulgaris	PASS
	Pseudomonas aeruginosa	PASS
	Staphylococcus aureus	PASS
	Enterococcus hirae	PASS
	Salmonella typhimurium	PASS
AFNOR NF T72-281 (For fungi & bacteria)	Candida albicans	PASS
	Aspergillus niger	PASS
	Escherichia coli	PASS
	Pseudomonas aeruginosa	PASS
	Staphylococcus aureus	PASS
	Enterococcus hirae	PASS
	Bacillus subtilis (spore-forming)	PASS
AFNOR NF T72-281 (For Viruses)	Virucidal test against African Swine Fever Virus (ASFV) using the surrogated Vaccinia Poxvirus	PASS

Method tests have been carried out following the rules of **Good Laboratory Practice (GLP)**



▪ **AFNOR NF T72-281**

Methods of airborne disinfection of surfaces — Determination of bactericidal, fungicidal, yeasticidal, mycobactericidal, tuberculicidal sporicidal and virucidal activity, including bacteriophages

Packaging:

- Carton box containing 20 tablets packed in a single sealed recyclable plastic bag (PE); each envelope contains labeling and instructions for use. The tablets can be splitted directly in the sealed envelope without contact with the operator. **Store** at room temperature (10° C to 50 ° C) in the original container away from direct sunlight.
- EUR PALLET (80 x 120 cm) 54 boxes (1080 pz)
- EUR PALLET (80 x 120 cm) 60 boxes(1200 pz)
- EUR PALLET (80 x 120 cm) 66 boxes(1320 pz)
- PALLET (110 x 110 cm) 99 boxes (1980 pz) – this is a special packaging

Storage conditions:

Keep the product in the original bags and cartons. Do not expose to direct sunlight. Do not expose to temperatures exceeding 50 °C during transport or storage.

Exposure to higher temperatures can cause the tablet to lose its hardness, making it more brittle. This phenomenon does not change its effectiveness during fumigation.