



BIOSAN PBG

POLIBIGUANIDE BASED SANITIZER

CHARACTERISTICS

Is a broad spectrum disinfectant particularly indicated for the treatment of water intended for human contact.

The active ingredient used is the hydrochloride poliesametinbiguanide (PHMB) non volatile, non foaming and does not react with organic material to develop annoying odors.

The **BIOSAN PBG** does not infect materials (metals, rubber, plastics, stones and walls), for this reason its use is recommended in swimming and whirlpools as an alternative to chlorination and ideal to control the microbial growth and the algae in waters subject to recycling such as those that feed fountains.

BIOSAN PBG does not contain corrosive or toxic substances of any kind nor does it contain solvents and can be handled safely.

This table shows the inhibition of microbial growth.



Type	M.I.C. PHMB
<i>Bacillus subtilis</i>	5
<i>Enterobacter cloacae</i>	20
<i>Aspergillus niger</i>	150
<i>Saccharomyces cerevisiae</i>	15

USE

For pools, whirlpools, fountains, water recycling games or systems:

Add product of 100 g to every 100 liters of water with pumps running.

Proceed with the required maintenance treatment which is:

20 to 30g to every 100 liters of water on a weekly basis, additional maintenance treatment may be necessary depending on the load and displacement of the water.

CHEMICAL/PHYSICAL DATA

Physical state	: liquid
Colour	: colourless
Density(20°C)	: 1,0 Kg/l
Water solubility	: total
pH(sol. 1%)	: 7
PHMB (sol. 100 g /100 Litri)	: 40 ppm