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## **BIOSAN GLUTAL**

Sanitizer for intensive livestock farming

### **FEATURES**

BIOSAN GLUTAL is a sanitizer containing three active principles: benzalkonium chloride, isopropyl alcohol and glutaraldehyde. The action performed by their combination is highly bactericidal, fungicide, virucidal and sporicidal. The pH of its solutions, at concentrations of use, ranges from 7.5 to 8.5 for an effective action of the glutaraldehyde while the special anionic surface-active agent, in addition to remove organic dirt, controls the development of foam. It does not attack surfaces and it is easy to dilute, apply and rinse. It is particularly recommended for intensive livestock farming: chickens, turkeys, rabbits, pigs, goats, cows and horses. Excellent also for kennels and veterinary clinics (stables, quarantine hospitals, and breeding rooms).

### **CHEMICAL-PHYSICAL DATA**

Physical state: liquid

Colour: blue

Density (20°C): 0.985 kg/lit

Solubility in water: 100%

pH (t.q.): 3.5

pH (1% sol.): 7.5-8.0

glutaraldehyde (t.q.): 50,000 ppm

glutaraldehyde (1% sol.): 5 ppm

Foaminess (1% sol.): 5 ml (20°C)

### **METHODS OF USE**

The product must be used only after removing the animals from the areas to treat, using the personal protection equipment recommended in the safety sheet.

**1<sup>st</sup> phase:** remove any litters, faecal residues, foods and any solid dirt. Remove from the areas any floor boards or grids.

**2<sup>nd</sup> phase:** previously degrease and sanitize using a 1% solution of BIOSAN SP, in order to degrease the floors, walls and furniture effectively. Apply the same treatment to floor boards or grids.

**3<sup>rd</sup> phase:** rinse with service water (of good hygienic quality).

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**4<sup>th</sup> phase:** sanitize with a water solution containing a concentration of BIOSAN GLUTAL ranging from 0.5-2%.

**5<sup>th</sup> phase:** wait at least 2 hours from applying the treatment, to begin the new breeding cycle. The treatment should be also applied on all the equipment used to clean stables, paying particular attention to the sole of the boots used by the staff.

**BIOSAN GLUTAL 20**

The product is also available in a version containing a highly concentrated active principle:

glutaraldehyde (t.q.): 200,000 ppm