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BIOSAN CLOREXIDIN

Sanitizer with chlorhexidine

FEATURES

The product's active substance is a cationic polymer containing nitrogen, with molecular weight of approx. 1000, chemically classifiable as hexamethyl chlorophenyl biguanide- digluconate. It is a powerful biocide on a large number of bacteria, yeasts, fungi, and algae, also in low concentrations.

BIOSAN CLOREXIDIN exploits the properties of the basic active substance, therefore it is a sanitizer suitable for many applications in the food industry and is extremely versatile thanks to some peculiarities:

- ✓ It is neutral and the concentrations of use are slightly irritating for the skin, therefore the product can be handled by hand.
- ✓ It is compatible with stainless steel, plastic materials, rubber and all materials that generally make up equipment employed in the food industry.
- ✓ The concentrations of use are slightly foaming therefore they can also be used in recycling phases.
- ✓ High residual power: the product remains active for a long period of time, also on residual dirt.

BIOSAN CLOREXIDIN can be used as sanitizer in all food industries:

Milk-dairy industry: moulds, planking for maturing products, pasteurizers, packaging machines, churns, plies.

Canning industry: work surfaces, grinding systems, conveyor belts, cold rooms, various equipment and tools.

Beverage industry: storage tanks, pasteurizers, pumps, mixers, pipes and filling machines.

Physical state: liquid, opalescent

Colour: colourless

Density: 1 gr/cc

pH (1% sol.): 7 (±0.5)

METHODS OF USE

Kemper Srl – Prodotti chimici per l'industria
Certificazione UNI EN ISO 9001

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BIOSAN CLOREXIDIN boasts good sanitizing properties if used in solutions that range from 0.2 to 1%. The concentration of use varies according to the operating temperature and application time. In fact, for every 10°C of temperature higher than ambient temperature, the concentration of use can be reduced to 0.1%, leaving the application time unaltered, for an effective sanitization (10-20 minutes). However, the product cannot be used at a temperature higher than 80°C.

The action of BIOSAN CLOREXIDIN is compromised by any residual alkalinity and the product is totally incompatible with sanitizers containing chlorine. After application, rinse accurately and thoroughly using clean water.