



PRODUCT DESCRIPTION

GUARDIAN CONCENTRATE is a product that cleans, disinfects and leaves long lasting hygienic protection against a wide range of bacteria and virus. The product is designed for use in the food industry, and it is tested and approved (ISEGA GmbH, Germany) for areas in direct contact with food stuffs (with subsequent rinse with water).

The technology is based on an electrostatic attraction of microorganisms. The product works like flypaper for bacteria and virus by making the surface highly positive in charge. Bacteria and virus that have a negative charge are attracted to it and are trapped on the surface.

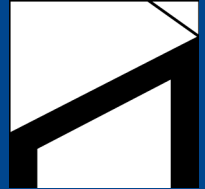
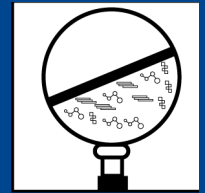
The bacteria are trapped and held by the permanent charge on the surface, the bacteria cannot release from the surface or grow on it, and therefore cannot spread and contaminate the surroundings.

In this way, the bacteria are controlled without using harmful chemicals or antibiotics, which in addition to environmental impacts can cause resistance.

The product provides extremely effective protection against bacteria, mildew, yeast, algae and viruses, such as influenza, and provides powerful protection against microbes. The product contains no alcohol as it is water borne and consequently does not dry out the skin.

Tests carried out on *GUARDIAN CONCENTRATE* show that the antibacterial effect lasts for up to 14 days.

The product is waterborne and is applied to most surfaces including skin, and has no corrosive effect.



PRODUCT DATA

Physical form:	Liquid
Colour:	Clear/transparent
pH:	5-6
Scent:	Odour less
Dilution:	Concentrate, dilute to a 10 % solution, ie 1:10

PRODUCT APPLICATIONS

The product is suitable for surfaces in the food industry and in veterinary clinics, where spreading of bacteria and virus must be stopped. Can also be used in the food industry for process equipment that is in direct contact with the foodstuff. Can be used in combination with the *HIGH FOAM CLEANER*.

BENEFITS

- Long lasting protection on surfaces, up to 14 days



GUARDSON

GUARDIAN CONCENTRATE

260005, 260025

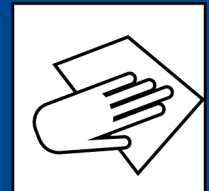
- Alcohol free
- Non allergenic
- Odourless

APPLICATION INSTRUCTIONS

- The surface must be clean, after initial cleaning and application of *HIGH FOAM CLEANER* then;
- The automatic dosage system is set at 10 %.
- Apply the solution in a film that entirely covers the surface
- Let the product work on the surface for minimum 15 minutes before rinsing. The longer the reaction time the greater the effect against more aggressive microorganisms.
- Rinse with clean low pressure fresh water

Surfaces in direct contact with food stuffs MUST be rinsed with fresh water.

For other areas no rinsing is required.



PRODUCT FACTS

The product has a documented effect on bacteria such as *Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus* and *Enterococcus hirae*. The product has also a documented effect on enveloped viruses such as Hepatitis B, Hepatitis C, HIV and other viral families belonging to orthomyxoviridae, which include all human and animal influenza viruses such as H5N1 and H1N1. *GUARDIAN CONCENTRATE* also has a documented effect on mycobacteria such as *Mycobacterium terrae*, and some naked viruses such as the Rota virus and Murine Norovirus.

Tested according to EN 1276, EN 13727, EN 13697, EN 14349, EN 13704, EN 1650, EN 1657, EN 13624, EN 14563, EN 12791, EN 1500, ASTM 1052-11. Please refer to the separate overview of tests performed on Guardian.

PACKAGING

5 litres GUARDIAN CONCENTRATE 260005 drum
25 litres GUARDIAN CONCENTRATE 260025 drum

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