



BIOCIDA V®

SANITIZER FOR FOOD INDUSTRY



COMPOSITION

BIOCIDA V® comes in a volatile, clear liquid form with the characteristic odour of acetic acid.

BIOCIDA V® is a stabilized solution containing peracetic acid (<16 w/w), water, acetic acid and hydrogen peroxide (23-25% w/w).



CHARACTERISTICS

BIOCIDA V® is a wide-spectrum product that has been specially created for sanitizing all food industry systems. BIOCIDA V® owes its sanitizing properties to its peracetic acid and hydrogen peroxide content; during decomposition, these substances develop oxygen which performs its sanitizing action by modifying the protein component of the cellular membrane. Having completed its oxidizing activity, the residual product becomes a water and acetic acid solution.

BIOCIDA V® is recommended for all critical applications requiring a controlling action over the development of microorganisms.



APPLICATIONS

BIOCIDA V® is extremely easy to use. Low concentrations for short contact periods guarantee excellent results in eliminating microbes. It has a wide-spectrum action, it is even effective against yeast spores. Non-foaming.



DIRECTIONS FOR USE

Concentrations can vary between 0.05% and 0.2% **in cold water**. The minimum contact time can be varied between 15 and 20 minutes. The BIOCIDA V® solutions can be used for preserving various rust-proof materials in aseptic conditions for indefinite periods. For long contact times, it is recommended to renew the solution weekly.



PACKAGING

5 kg and 20 kg drums.



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LABORATORY CONTROL METHOD

Take 10 cc of BIOCIDA V® solution and add 20 mL of sulphuric acid at 25%, 10 mL of potassium iodide solution at 20% and 1 mL of ammonium molybdate solution at 3%. Leave to rest for a few minutes then perform titration with sodium thiosulphate 0.1 N until a clear yellow colouring is achieved; add a few drops of starch water and continue titration with the sodium thiosulphate 0.1 N until the grey-blue colour disappears.
%BIOCIDA V® = mL of sodium thiosulphate 0.1 N x 0.05.



HAZARD

Based on the current European regulations the product is classified: hazardous (see MSDS).



CORROSIVE ACTION

BIOCIDA V® does not damage stainless steel but may damage aluminium, zinc, iron, copper and their alloys. Avoid contact with rubber, resin, cement. For other materials, it is recommended to carry out tests on a small scale.