

KLEENOXIDE[®]

Hydrogen Peroxide Concentrate 35%
Sporocide Disinfectant

Chemical Name:
Formulated Hydrogen Peroxide
and Distilled Water

Product composition:

- **Hydrogen Peroxide concentrate 35%**
- **Distilled Water**

Colour : Colourless

Packaging:

- All products are cleanroom packed
- Double bag individual 900 ml bottle with cap

Instruction for Use:
Dilute all content with distilled water to make 5 L ready to use disinfectant solution



**MICROBIAL
TESTED**

Izin Edar : Kemenkes RI PKD 20502911323
Kemenkes RI AKD 20903020023

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Distributor partner resmi :

PT Isotekindo Intertama

Jl. Raya Kebayoran Lama 309-C, Jakarta Selatan, DKI Jakarta 12210, Indonesia

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LKPP-eCat : <http://bit.ly/LKPP-Isotekindo2019> | W : www.isotekindo.co.id

Manufactured by : PT GALIH CIPTA WISESA ; Taman Tekno BSD Sektor XI, Blok J. 1/11, Setu-Setu, Tangerang Selatan, Indonesia

Production

- Hydrogen Peroxide is filtered through 0.2 micron filter.

Storage Requirements

- Keep out of reach of children.
- Keep bottle tightly closed.
- Store temperature 0° C to 25° C.

Compliance to Regulation

- The use of Hydrogen Peroxide for disinfection is recommended by USP (United States Pharmacopeia) 1072 and CPOB (Cara Pembuatan Obat yang Baik) 2012. This method has been proven to eradicate bacteria, viruses, fungi and spores.

How to Use

- Dilute all content with distilled water to make 5 L ready to use disinfectant solution.

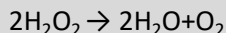
Mode of Action

- Biocides inhibit microorganisms in a variety of ways. Biocides can alter the permeability of the cell walls thus interfering directly with the life process of the microbes. Biocides can also penetrate the cell wall and enter the cytoplasm to destroy the protein groups, which supports the life of microbes.

Action on Bacterial Spores

- The impermeability and the presence of dipicolinic acid in bacterial spores make these forms much more resistant to disinfectants than vegetative forms. The active disinfectants include highly oxidizing products, such as Hydrogen Peroxide which can destabilize this structure in spores (P. Maris, Rev. SCI. tech.off.Epiz, 1995, 14(1), 47-55).
- The oxidizing biocide Hydrogen Peroxide works by inflicting multiple cell damage to cells and removal of protein, therefore resulting in cell death. Hydrogen Peroxide will decompose when in contact with living tissue and evolving oxygen.

Hydrogen Peroxide Chemical Reaction



- Hydrogen Peroxide is colourless liquid at room temperature. Small amounts of gaseous Hydrogen Peroxide occur naturally in the air, is unstable decomposing ready to oxygen and water (CDC-ATSR).

As a result of this action, Kleenoxide™ Hydrogen Peroxide Sterile Concentrate 35% produces virtually no residues, making it particularly suitable for use in direct product contact areas.

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