

KIL DERMO PHARM



Bactericidal disinfectant soap for intact skin

Biocide under transitional legislation
reg. Health Min. n. 18796



Bacteria



DESCRIPTION:

Disinfectant soap for the disinfection and cleansing of hands and skin.

EFFECTIVENESS AND ACTION:

Antiseptic, antibacterial, virucidal, fungicide, yeasticide.

APPLICATIONS:

Antiseptic and antibacterial soap to be used when a cleaning action is required in any civil, industrial, community environment, including in the food or health sector such as hospitals, surgical rooms, clinics, first aid, HORECA sector, catering, etc. Also indicated for emergency hand disinfection, antiseptic and surgical hand washing.

METHOD OF USE:

Use pure, treating hands with about 4 ml of product, cleaning carefully for at least 2 minutes. Then remove with water.

MECHANISM OF ACTION:

The outermost surface of bacterial cells generally has a negative charge, often stabilized by divalent cations such as Mg^{2+} and Ca^{2+} . Generally, cationic antimicrobials require only a strong positive charge together with a hydrophobic region in order to interact with the cell surface and integrate with the cytoplasmic membrane. This integration within the membrane is sufficient to perturb its growth and the treatment levels associated with the disinfectant and antiseptic formulations are sufficient to cause the loss of fluidity with consequent cell death. The action of quaternary ammonium compounds against bacterial cells involves a general perturbation of the lipid bilayer which constitutes the bacterial cytoplasmic membrane and the outermost membrane of gram-negative bacteria. This action leads to a generalized and progressive release of cytoplasmic material to the external environment.

To document and confirm the characteristics of the product, the following tests were carried out:

- **UNI EN 1040:** Chemical disinfectants and antiseptics - Quantitative suspension test for the assessment of basic bactericidal activity of chemical disinfectants and antiseptics - Test method and requirements (phase 1)
- **UNI EN 1499:** Chemical disinfectants and antiseptics - Hygienic hand washing - Test method and requirements (phase 2, stage 2)
- **UNI EN 13624:** Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical field - Test method and requirements (phase 2, stage 1)
- **UNI EN 13727:** Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity in the medical area - Test method and requirements (phase 2, stage 1)



PRODOTTI CHIMICI E TECNICI - CHEMICAL AND TECHNICAL PRODUCTS

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CHEMISTRY IN ACTION

TECHNICAL DATA:

Appearance	Clear blue-white solution
pH	6.50 ± 0.50
Density (g/cm ³)	1.020 ± 0.050

FRAGRANCE:

Delicate, with essential oils.

COMPOSITION:

- Benzalkonium chloride
- Coformulants and purified water

STORAGE AND VALIDITY:

Store the product in its original packaging in a cool, clean and dry place, away from high heat sources and not exposed to direct sunlight.

The validity period quantified in 36 months refers to the product in its intact and correctly stored container.

Shelf life after first opening: if the product is removed carefully and the container closed and stored correctly, the product maintains its characteristics unaltered for a period of 3 months.

WARNINGS:

For external use only.

Keep out of reach of children.

Do not swallow.

Not to be used on damaged skin or mucous membranes.

Do not use at the same time as soaps or anionic surfactants.

Avoid contact with eyes. If necessary, rinse thoroughly with water.

Do not dispose of the container in the environment after use.

PACKAGES:

Item code DERMOPHA0500, bottle of 500 ml, display of 12 pieces.

Other formats on request

CERTIFICATIONS AND REGISTRATIONS:

- **BIOCIDE UNDER TRANSITIONAL LEGISLATION**
Product registered with the Ministry of Health with n. 18796



<http://www.salute.gov.it/>

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