

Ficha Técnica de Producto

DL 21 FUNGIBAC

Fungicide and Bactericide detergent



DESCRIPTION

DL 21 FUNGIBAC is a product with a high concentration of active ingredients, specially formulated for use in comprehensive cleaning and contact disinfection of heavily contaminated surfaces and utensils in the food industry, hospitality, large communities and surfaces and institutional hygiene.

Especially recommended for:

- Disinfection of surface areas, warehouses, cold rooms and rooms for any purpose (industrial, institutional) particularly to the handling of food products.
- Disinfection of pipes, conduits, tanks, etc., of food industry.
- Disinfection of utensils (knives, work benches, etc...).

DL 21 FUNGIBAC contains an active ingredient, didecyldimethylammonium chloride (DDAC), a quaternary ammonium widely known for its biocide activity against Gram positive bacteria (*Staphylococcus aureus*) and Gram negative (*Salmonella typhosa* and *Pseudomonas aeruginosa*) and fungi (*Aspergillus ssp.*, *Penicillium ssp.*) and yeast (*Candida albicans*).

This inhibitory effect of microbial growth provides an effective deodorizing action, since it prevents the formation of unpleasant odours due to decomposition, putrefaction and fermentation.

DL 21 FUNGIBAC has also a remarkable wetting and degreasing action, thanks to its high concentration of surfactants, which allow the product to remove embedded grease and penetrate quickly and easily in all the gaps that might be contaminated, even on porous surface ensuring at the same time, a good clean and effective disinfection.

AUTHORIZED USES:

- Environmental use and use in the food industry.
- Contact disinfection: Surfaces and equipment.
- Application by professional staff.

BIOCIDE SPANISH REGISTRATION: 19/20-40-06537 y HA.

Complies with the UNE_EN 13697 Standard in dirty conditions. Chemical antiseptics and disinfectants. Quantitative non-porous surface test for the evaluation of bactericidal and fungicidal activity in chemical disinfectants used in food products, in industry, at home and in communities.

FORM OF USE

Before using the product, read the label carefully.

The application of the product in the food industry for use in contact disinfection: surfaces and equipment, must be carried out in the absence of food. All the necessary measures will be taken so that the food, machinery or utensils that are handled in the premises or facilities previously treated with the product do not contain residues of any of its components. To do this, rinse the treated or exposed parts or surfaces abundantly with drinking water before use.

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Use the product pure or in aqueous solution, depending on the substrate, the type and amount of dirt, the method of application required and keeping the contact time:

ACTIVITY	DILUTION	CONTACT TIME
BACTERICIDE	≥ 2.5%	Minimum 5 minutes
FUNGICIDE	≥ 15%	Minimum 15 minutes

- Manual disinfection of surfaces and equipment, by direct spraying or spraying pure or diluted product from 2.5 to 15% (25 to 150 ml DL 21 FUNGIBAC per liter of water).
- Cleaning utensils in a bath by immersion: 2.5 to 15% (25 to 150 ml DL 21 FUNGIBAC per liter of water), leaving to act for at least 30 min.
- Circuit cleaning by recirculation: 25 to 150 ml DL 21 FUNGIBAC per liter of water.

It can be applied in dirty conditions, so that cleaning and disinfection are achieved in a single operation.

The general rules of use are:

- 1.- Make the cleaning and disinfection of the equipment, utensils and / or surfaces with the DL 21 FUNGIBAC solutions recommended in each case, as soon as possible after each manufacturing process.
- 2.- Allow the DL 21 FUNGIBAC solutions to remain in contact with the surfaces to be disinfected as long as possible (Minimum recommended time: 15 min.).
- 3.- Rinse the surfaces, equipment or utensils with plenty of drinking water, until they are free of foam.

The virucidal activity test UNE EN 14476: 2014 + A1: 2015 has been carried out against Poliovirus type 1, Adenovirus type 5 and murine Norovirus, in dirty conditions with a positive result at the following dilution and contact time:

ACTIVITY	DILUTION	CONTACT TIME
VIRUCIDAL	≥ 20%	Minimum 5 minutes

TECHNICAL CHARACTERISTICS

Aspect: Transparent liquid

Color: Blue.

Smell: Characteristic.

pH pure: 11 ± 1

Density: 0.98 ± 0.02 g/cc

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COMPOSITION

Didecyldimethyl ammonium chloride (7%).
Less than 5%: Anionic Surfactants, EDTA.
Monoethanolamine, excipients and solvents, qs up to 100%

PRESENTATION

FORMAT	5 kg
CODE	005DFU05

SECURITY/TOXICOLOGY

Causes severe skin burns and eye damage. It can irritate the respiratory tract. Very toxic to aquatic organisms, with long-lasting effects. Do not eat, drink or smoke during handling. After handling the formulation, it is necessary to rinse your hands with plenty of water. To avoid contact with the skin and eyes, personnel handling the product should wear rubber gloves and goggles in case of possible splashes. Containers should not be left open. All kinds of spillage or leakage and massive spills should also be avoided.

The use of the solutions (between 2.5-15% of DL 21 FUNGIBAC) considerably reduce their danger due to contact with the skin and eyes. However, it is advisable to maintain the same personal protection habits, especially wearing gloves to avoid sensitization problems.

Incompatible with organic matter, anionic detergents, ammonia derivatives, hypochlorite, chromium, lead, aluminium, tin, zinc and their alloys (bronze, brass, etc.). Do not mix with other chemical products.

A pre-treatment test should be carried out to verify the compatibility of the product with the materials.

TO AVOID RISK TO HUMANS AND ENVIRONMENT, FOLLOW THE INSTRUCTIONS.

ADDITIONAL INFORMATION

ROESB: B-0346-E

Bactericide and fungicide efficacy UNE_EN 13697 tests have been made according to which the product **DL 21 FUNGIBAC** is effective:

- As **Bactericidal** for environmental use, domestic and food industries as following the procedure established by the UNE_EN 13697 (August 2001), has bactericidal activity to 2.5% (v/v), 5 minutes contact at 21.3°C and dirty conditions (3 g/l of bovine albumin as interfering substance) against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Enterococcus hirae* and *Escherichia coli* under the conditions indicated.
- As **Fungicide for use in food industries** as following the procedure established by the UNE_EN 13697 (August 2001), has fungicide activity to 15% (v/v), 15 minutes contact at 23.2°C and dirty conditions (3 g/l of bovine albumin as interfering substance) against *Candida albicans* and *Aspergillus niger* under the conditions indicated.
- as **Virucidal** according to the virucidal activity test according to UNE-EN 14476: 2014 + A1: 2015, under dirty conditions (3 g / l of bovine serum albumin and 3 ml / l of erythrocytes). It has 20% virucidal activity, with 5 minutes of exposure against Poliovirus type 1, Adenovirus type 5 and murine Norovirus.

Commercial information. For the handle and employment of product, follow the indications of the label and the MSDS.

To resolve any doubt, can contact our Technical Department. The valid version of this document is available only in the web www.dermo.com.

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