

# Ficha Técnica de Producto

## DL 21 FUNGIBAC

Fungicide and Bactericide detergent



### DESCRIPTION

DL 21 FUNGIBAC is a fungicide and bactericide cleaner specially formulated for use in the basic cleaning and disinfection by contact of surfaces and utensils heavily contaminated in the food and hotel industry, catering, community groups and areas 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*). It is effective even in the presence of organic matter.

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 in the food industry.

APPLICATION EXCLUSIVELY FOR SPECIALIZED PERSONNEL.

NºREGISTRATION: 12-20/40-06357 / 12-20/40-06357 HA.



### FORM OF USE

Before using product, read the label carefully.

Used in aqueous solution (effective fungicide activity at concentrations  $\geq 15\%$ , effective bactericide activity at concentrations  $\geq 2.5\%$ ) depending on the substrate, the type and quantity of dirt and method of application requirements:

- Manual cleaning and disinfection by direct spray application of surface and / or rubbing surfaces by cloth or mop: 50-150 cm<sup>3</sup> per litre of water.
- Cleaning and disinfection of equipment, pipes or tanks by recirculation: 10-150 cm<sup>3</sup> per litre of water.
- Cleaning utensils by immersion bath: 50-100 cm<sup>3</sup> per litre of water.

Can be apply in dirty conditions, so in one operation the cleanliness and disinfection is obtained.

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Product application in the food industry for uses in disinfecting contact: surfaces and equipment has to be done in food absence. Rinse the surfaces, equipments or utensils with plenty water to avoid residues.

Can be apply in dirty conditions, so in one operation the cleanliness and disinfection is obtained.

The general rules for use are:

- 1.- Clean and disinfect equipment, utensils and/or surfaces with solutions of DL 21 FUNGIBAC recommended in each case as soon as possible after each manufacturing process.
- 2.- Allow the DL 21 FUNGIBAC solutions remain in contact with the surfaces to be disinfected as long as possible (minimum recommended time: 10 minutes).
- 3.- Rinse surfaces, equipment or utensils with water, until they are free of foam.

### TECHNICAL CHARACTERISTICS

Aspect: Transparent liquid

Color: Blue.

Smell: Characteristic.

pH pure:  $10 \pm 0.5$

Density:  $0.98 \pm 0.02$  g/cc

### COMPOSITION

Didecyltrimethyl ammonium chloride (7%). From 15 to 30%: Aliphatic alcohol and 2-aminoethanol (8%). Less than 5%: Non ionic tensioactives and EDTA.

### PRESENTATION

FORMAT	5 kg
CODE	005DFU05

### SECURITY/TOXICOLOGY

Causes burns. Very toxic to aquatic organisms. Do not eat, drink or smoke during handling. After manipulation of the formulation, it is necessary to rinse hands with water. To avoid contact with skin and eyes, wear suitable protective clothing, gloves and eye/face protection. Do not leave open containers. Avoid any spill or leak and massive discharges. Handling solutions of use (between 1-15% of DL 21 FUNGIBAC), even though the product is not dangerous, and the reduced danger does not require special cautions, avoid contact with skin and eyes and wear rubber gloves with prolonged or repeated used to avoid sensitivity problems.

Incompatible with organic materials, anionic detergents, ammonia derivatives, hypochlorite, chromium, lead, aluminium, tin, zinc and their alloys (bronze, brass, etc).

DO NOT MIX with other chemicals.

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

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### 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 *Eschericia 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.

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

To resolve any doubt, can contact with our Technical Department. The valid version of this document is available only in the web [www.dermo.com](http://www.dermo.com).