

**AIR GEMINOX ICT**  
**SANITIZER WITH BACTERIOSTATIC OF AIR**

AIR AND ENVIRONMENTS, OFTEN ARE SIGNIFICANTLY CONTAMINATED WITH  
BACTERIA, VIRUSES, MUSHROOMS;  
"INVISIBLE AGENTS WITH WHICH WE SHARE THE EVERYDAY LIFE".

The spread of infections that occur periodically within closed environments more and more rekindles interest in the risks linked to the places where there is a high presence of people, such as: schools, hotels, hospitals, public offices, cinemas, public transports, and on installations of central air conditioning. Such plants moving large volumes of air are a vehicle for pathogens and allergens that spread in all environments with extreme speed (not forgetting the cases of legionella occurred, as well as the frequent cases of sensitization). In such situations the risks to public health are real, if not lethal. A drastic reduction in bacterial load (the complete destruction is not at all feasible) is necessary to reduce the risk of infection in vulnerable people. **AIR GEMINOX ICT** is an air sanitizing specially formulated to curb or at least drastically reduce the phenomena of contracts infections in closed environments. The particular characteristics of the product, non-irritating, non-toxic with a broad spectrum of action, allow for dispersion in the air applications, both in form of mist which is distributed throughout the environment and remains in suspension for a time necessary to guarantee the contact time, both form of nebulization inside the centralized ducts of the air conditioning. The effect is achieved by spraying the product in the ducts where the air passes. The contact with **AIR GEMINOX ICT** reduces the bacterial load significantly. Its special formula makes **AIR GEMINOX ICT** active in a dilution to 3%.

**ADVANTAGES**

**AIR GEMINOX ICT** is perfectly soluble in water and remains highly effective against microorganisms both gram-positive and gram-negative, (mushrooms, yeasts, viruses) and also acts at low temperatures. **AIR GEMINOX ICT** is completely harmless to all indoors surfaces, atomized air, it exerts an action sanitizing as deep as possible. Since **AIR GEMINOX ICT** is lowered slowly in the environment into all the interstices and continues its action sanitizing in all surfaces on which rests without doing harm. **AIR GEMINOX ICT** is extremely effective against the majority of microorganisms, such as: Bacteria (gram-positive), Bacteria (gram-negative), Yeasts, Fungi and is harmless for all animal species.

**SUGGESTIONS FOR USE** (The product has many applications, for applications that are not described here for the limited possibilities offered by a data sheet, or doubts that may arise on the use of the product, consult a technician Çititalia) Use **AIR GEMINOX ICT** diluted at 3%. Deploy the solution with atomizers, for ducting ' air conditioning use an atomizing pump Çititalia. The destruction of microorganisms will be more effective as long as the treated surface will remain in contact with the solution.

**FEATURES - COD. 51D140 / ICT**

Type amino glycyne quaternized sanitizer with bacteriostatic of air and hard surfaces  
Flammability Not flammable  
Smell lavender

Some tests on the active ingredient of the European Standard product "(EN). In designing method to test the Following choices are Necessary -

- a) Number and type of microorganism.
- b) Water hardness.
- c) Type and level of deactivating soil (protein).
- d) Count on time allowed between bacteria and biocides.
- e) Efficiency of tea kill, i.e. reduction in the number of surviving bacteria tea.

Some test methods are available summarized below:

EN 1040 (Afnor 72-150) EN 1276 (Afnor 72-170) \* EST 1987 BS 6471 Test Organism Ps aeruginosa Ps. Ps aeruginosa. aeruginosa E. coli St. aureus E ^ coli Proteus mir. (E coli) st St. aureus aureus (i faecium Ent Ent. Hirae Strep. Faecium (Ent faecium) Sacc. Cerevisiae Water Hardness Distilled 300 ppm 375 ppm 200 ppm Organic Matter node Al bum in Horse Serum Albumin T \ vo levels 0,03% 5% 0,03% & 0.3% Count on Time 5 min. 5 min. 5 min. 10 min. Reduction in log log 5 5 5 log log • No. 4; "51 ', 0:25" ,, A 0.4 "0.5 ,," ) (i. 1. "' '> Amphioni; SFBKili Dilutiun

The European Suspension Test (EST) was extended to include other food bacteria:

Campylobacter jejuni  
Yersinia enterocolitica  
Salmonella typhimurium  
Listeria monocytogenes  
Fungistatic / Algistatic Tests

Some minimum inhibitor Concentrations (mic's)

Candida albicans - fungus 330ppm  
Aspergillus niger - fungus 330 ppm  
Penicillium chrysogenum - fungus 140 ppm  
Chlorella saccharophila- algae 35 ppm