



PRODUCT INFO
& DATASHEET

SICODIS 5+

(ref. CD 1)

Strong disinfectant for livestock products

Virucide - Bactericide - Fungicide

1 product → 5 disinfectants
Better activity, no resistance !

TEN GOOD REASONS WHY SICODIS 5+ YOUR BEST CHOICE :

- **SICODIS 5+** is an excellent product for the disinfection in poultry-, pig- and cattle-houses, hatcheries and slaughterhouses, including the disinfection of walls, materials, vehicles, equipment, etc.
- **SICODIS 5+** has a rapid action and long activity.
- **SICODIS 5+** contains a special natural component to remove the irritating odour of formaldehyde.
- **SICODIS 5+** can be used at low temperatures (5°C) without loss of activity.
- **SICODIS 5+** contains only ingredients with a biodegradability of more than 90% (OECD-method)
- **SICODIS 5+** maintains full activity in hard water.
- **SICODIS 5+** is excellent for use with fog-devices because the presence of isopropanol.
- **SICODIS 5+** is non-corrosive for materials and equipment.
- **SICODIS 5+** is more than 5 years stable, when stored in its original containers.
- **SICODIS 5+** contains special components to lower the surface tension.

**LEADING TO THE CONCLUSION FOR YOU:
SICODIS 5+ IS THE DISINFECTANT WITH THE BEST PRICE/PERFORMANCE RATIO !**

THE STRONGEST DISINFECTANT :

COMPOSITION

- quaternary ammoniums
 - alkyl-dimethylbenzylammoniumchloride 60 g/l (12% m/m)
- aldehydes
 - glutaraldehyde 58 g/l (11,6% m/m)
 - glyoxal 19,8 g/l (3,8% m/m)
 - formaldehyde 84 g/l (21% m/m)
- alcohol
 - isopropanol 40 g/l (4% m/m)

SICODIS 5+ contains 5 (!) different active disinfectants. Disinfection with **SICODIS 5+** = **disinfection with 5 disinfectants in 1 time !**

SICODIS 5+ contains a high amount of active ingredients = 261,89/l.

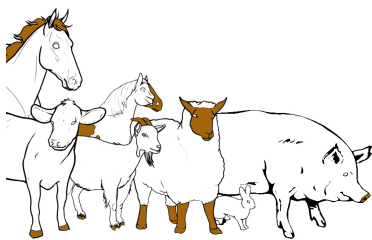
This well balanced mixture shows an outstanding activity against both **grampositive and gramnegative bacteria and also against moulds and yeasts, algae and viruses such as:**

- salmonella
- candida albicans
- staphylococcus aureus
- gumboro virus

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FEEDS
EVERY TIME THE *right* SOLUTION



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- streptococcus faecium
- pseudomonas aeruginosa
- proteus mirabilis
- escherichia coli
- mycobacterium smegmatis
- saccharomyces cerevisiae
- brucella abortus
- brucella tuberculosis
- newcastle disease
- infectious bronchitis
- European and African Swine fever
- aijueszky
- myxomatose
- reo-virus
- foot- and mouthdisease
- rotavirus

DIRECTIONS FOR USE

First, all the surfaces to be disinfected need to be thoroughly cleaned. Then disinfection with **SICODIS 5+**

Dilution:

- 0,25 % - 0,5% for general disinfection of floors and walls in stables, materials, vehicles,... under normal circumstances.
- 0,5% - 1% for special disinfection.

Application:

Spray a solution of 1 l / 3 m²

Example: stable m² = 333 l of water

333 l of water x 0,5% **SICODIS 5+** = 1,6 l **SICODIS 5+**

Footbaths:

0,5 - 1%

With fog-device:

1,5 l **SICODIS 5+** + 3 l water / 1000 m³

WORLDWIDE LABORATORY RESEARCH !

The national institute for veterinary research tested the activity of **SICODIS 5+** against Brucella Abortus, strain 19. The results were that the time needed to kill Brucella Abortus without resp. with the presence of 5% serum, was 0 resp. 0 minutes for both the 0,25%, 0,5% and (the normal) 1% dilution. The official conclusion is: "The pathogene strain is easily killed by a **SICODIS 5+** solution, even in the presence of organic material !".

The same insitute published in 1988 a report on another virucidal experiment to test the efficiency of **SICODIS 5+** solution against the Gumboro virus (strain 98). The conclusion was: "The disinfecting solution **SICODIS 5+** has a profound killing action on the virus provoking Gumboro-disease, even in the presence of organic material (faetal serum)."

The university laboratory in Gent (Belgium) gave in 1988 the results of the 'Determination of the anti-microbial activity of the product according to the European Suspension Testmethod'.

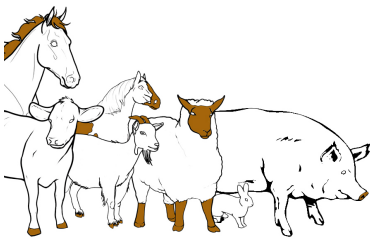
The activity of **SICODIS 5+** was tested against Staphylococcus Aureus, Streptococcus faecium, Pseudomonas aeruginosa, Proteus mirabilis, Escherichia coli, Mycobacterium smegmatis, Saccheromyces cerevisiae, Candida albicans under the addition of 0,03% solution of bovine serum albumin to stimulate possible small organic interferences. All the experiments were repeated with a 1% solution of bovine serum albumin to stimulate a heavy burden of organic interferences. OFFICIAL CONCLUSION: "Detailed testing of the formulation **SICODIS 5+** reveals that it has excellent anti-microbial activity towards the strains tested. As a consequence of these results, the same procedure has been repeated according to the test AFNOR-NFT 72-190. Good results were obtained as well, confirming the upper statement and findings."

The use of the recommended 1% the research section of the Ministry of Agriculture, the results were given of their test on the activity of **SICODIS 5+** against classical swine fever.

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The use of the recommended 1% **SICODIS 5+** gave a complete elimination of the virus. The conclusion of the report was: "The formulation **SICODIS 5+** has a profound killing action on the classical swine fever, even in the presence of organic matter (fatal serum)."

In a recent (1991) Ministry of Agricultural publication refer the complete sanitary rules and regulations for the pig industry, only two disinfectants are recommended. One of them is **SICODIS 5+**. In a similar 1992 brochure for the poultry industry, six products are quoted. One of them is **SICODIS 5+**.

The Egg and Poultry Board in the Middle East has tested the activity of **SICODIS 5+** in Chicken Houses (1993). CONCLUSION: **SICODIS 5+** was found effectiver against Escherichia Coli, Salmonella Enteritidis, Pseudomonas aeruginosa, Pasteurella multocida and Candida albicans at a concentration of 0,5% after 3 of 24 hours drying time on wood, abestos, plastic and metal.

Researchers in the Netherlands (1993) concluded that the proproperties of **SICODIS 5+** were as good as those of pure formaldehyde, and even better. Furthermore, they concluded that **SICODIS 5+** could be used at 5° C (whereas this was not the case for formaldehyde) at concentrations 20 times lower than those of formaldehyde. It is also stated that **SICODIS 5+** is less irritating for the skin and for the eyes than formaldehyde.

In 1995, the Faculty of Veterinary Science Chulalongkorn university, Thailand, has tested the effect of **SICODIS 5+** against bacteria and fungi. The result indicated that **SICODIS 5+** diluted 1:100 and 1:250 completely inhibited all of the bacterial strains tested, within 1 min. At dilution 1:500 all of the strains tested took longer time, but all were inhibited within 5 minutes.