



The most powerful
disinfectant



sogeval
Shared solutions

A PATENTED FORMULA

TH4+ is officially approved for use against 3 families of pathogens in the presence of organic matter.

TH4+ is active at low concentration :

VIRUSES: from 0.5% to 2% (1:200 to 1:50)

BACTERIA AND FUNGI: at 0.5% (1:200)

COMPOSITION

1 litre contains :

Didecyldimethylammonium chloride 18.75 g

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Octyldecyldimethylammonium chloride 37.50 g

Alkyldimethylammonium chloride 50.00 g

Glutaraldehyde 62.50 g

Excipients : surfactant agent, terpenic fragrances,
water, s.q 1 litre

CHARACTERISTICS OF THE COMPONENTS

Quaternary ammonium

A new generation of QACs with an increased germicidal activity. Active in very hostile conditions (presence of organic matter and/or hard water).

Active on coated viruses, naked viruses, on Gram+ and Gram- bacteria, bacterial spores and fungi.

Glutaraldehyde

Broad spectrum including Gram+ and Gram- bacteria, bacterial spores and naked viruses (parvovirus, entero-virus)

Terpene derivatives:

Antiseptic, antiviral and bactericidal activity. It is also effective as an insect repellent.

It has the capacity to stick to vertical surfaces, and delay the evaporation of the product.

The association of quaternary ammoniums and glutaraldehyde improves the respective spectrum of the components. It helps to be more effective against all bacterial, fungicidal and viral targets even in the presence of interfering organic matters.

A RELIABLE DISINFECTANT

- Stable for several years (4 years) at room ambient temperature.
- Wide spectrum of action (bactericidal, virucidal, fungicidal) with specific effect against important epidemiological diseases.
- High efficacy at low concentration
- Biodegradable
- Chemically stable and non-corrosive
- Effective even in the presence of organic matter and hard water.

A WIDE RANGE OF APPLICATION

Due to its broad spectrum of activity and its safe usage, **TH4+** is recommended in the following areas :

ANIMAL HOUSING AND FARMS



Pig farming:
breeding, farrowing and fattening units



Poultry farming:
breeder farms, layers, broilers, hatcheries



Others:
horse stables, dairy and beef cattle farms, rabbit farms, catteries...

VETERINARY CLINICS

For the prevention of cross-contamination between patients, especially in the case of canine parvovirus infection.

FOOD HYGIENE

TH4+ is approved for disinfection of : slaughter houses, cold storage rooms, food and feed transport trucks.

HOW TO USE TH4+

SPRAYING (Terminal and routine disinfection)

No specific disease :

1 litre of **TH4+** diluted in 200 litres of water to cover 600 square metres.



DIPPING (Foot-bath, wheel-bath)

No specific disease : 1 litre of **TH4+** diluted in 200 litres of water



THERMOFOGGING (Terminal disinfection)

Dilute 2.5 litres of **TH4+** in 2.5 litres of water

Use this solution of 5 litres for 1 000 cubic metres.



PACKAGING :

1, 5, 10, 25, 60 and 200 litres



VIRUCIDAL ACTIVITY

Strain	Dilution Rate	Strain	Dilution Rate
Adenovirus (Canine viral hepatitis)	1%	Paramyxovirus (Newcastle disease)	0.10%
Arterivirus (PRRS)	0.25%	Canine Parvovirus	0.20%
Birnavirus (Gumboro disease)	0.05%	Picornavirus (Foot and mouth disease)	2%
Circovirus type 2 (PCV2)	0.5%	Pestivirus (Classical swine fever)	0.05%
Coronavirus (Infectious bronchitis)	0.33%	Picornavirus (Talfan disease)	2%
Bovine Coronavirus	0.05%	Bovine Poliovirus	1%
Herpesvirus (Aujeszky disease)	0.02%	Poxvirus (Myxomatosis)	0.20%
Herpesvirus (Infectious laryngotracheitis disease)	0.33%	Avian Reovirus	0.1%
Orthomyxovirus (H5N1, H6N1, H1N1)	0.10%	Bovine Rotavirus	0.20%



BACTERICIDAL ACTIVITY

Strain	Dilution Rate	Strain	Dilution Rate
<i>Bordetella bronchiseptica</i>	0.50%	<i>Pseudomonas aeruginosa</i>	0.5%
<i>Campylobacter jejuni</i>	0.25%	<i>Salmonella enteritidis</i>	0.5%
<i>Enterococcus faecium</i>	0.1%	<i>Salmonella saint Paul</i>	0.5%
<i>Erwinia carotovora</i>	0.25%	<i>Salmonella dublin</i>	0.25%
<i>Erwinia atroseptica</i>	0.25%	<i>Salmonella typhimurium</i>	0.5%
<i>Escherichia coli</i>	0.5%	<i>Staphylococcus hyicus</i>	0.125%
<i>Leptospira interrogans</i>	0.1%	<i>Staphylococcus aureus</i>	0.5%
<i>Listeria monocytogenes</i>	0.25%	<i>Streptococcus faecalis</i>	0.5%
<i>Mycoplasma hyopneumoniae</i>	0.5%	<i>Streptococcus dysgalactiae</i>	0.5%
<i>Ornithobacterium rhinotracheale</i>	0.5%	<i>Streptococcus agalactiae</i>	0.25%
<i>Pasteurella hemolytica</i>	0.5%	<i>Streptococcus uberis</i>	0.25%



FUNGICIDAL ACTIVITY

Strain	Dilution Rate	Strain	Dilution Rate
<i>Aspergillus fumigatus</i>	0.50%	<i>Microsporium canis</i>	0.01%
<i>Candida albicans</i>	0.10%	<i>Tricophyton mentagrophytes</i>	0.05%