

ПРОФИЛ® С

Рішення для Біобезпеки



БІОБЕЗПЕКА
тваринницьких
приміщень

PROPHYL® S
Biosecurity solutions

Surface disinfectant

Bactericidal, yeasticidal, virucidal, fungicidal, mycobactericidal,
cryptosporicidal, coccidiocidal

Special biosafety disinfectant for livestock farming vehicles and footpads
Biocide PT3 - Professional use only

Soluble liquid concentrate containing (in % mass):

Chloroxone (C4H8O3Cl2) 17.0 %

Chlorine acid (HClO4) 4.8 %

Application rates and efficacy

Disinfection of livestock farming buildings and equipment (PT3)

Surface	Volume	Concentration	Time	Temperature
Concrete	1.0%	10.000	10 min	20-25°C
Wood	1.0%	10.000	10 min	20-25°C
Plastic	1.0%	10.000	10 min	20-25°C
Metal	1.0%	10.000	10 min	20-25°C
Stainless steel	1.0%	10.000	10 min	20-25°C
Aluminum	1.0%	10.000	10 min	20-25°C
Painted metal	1.0%	10.000	10 min	20-25°C
Disinfection of livestock farming vehicles (PT3)	1.0%	10.000	10 min	20-25°C

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Use instructions

Do not apply to surfaces in contact with food or feed. Do not use on surfaces in contact with water. Do not use on surfaces in contact with people or animals.

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HUVEPHARMA

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ОПИС ПРОДУКТУ

- Ідеальний деззасіб для підвищення рівня біобезпеки тваринницьких приміщень
- Доведена ефективна дія на ооцисти, віруси, бактерії, мікобактерії, грибки, аскариди та дріжджі
- Діє навіть у присутності органіки
- Пролонгована ефективна дія

Профіл® С є унікальним біоцидом для ефективної біобезпеки тваринницьких приміщень різних видів. Відмінна дія на патогени усіх типів, у тому числі тих, що призводять до проявів неонатальної діареї. **Профіл® С** має широкий спектр пролонгованої дії на бактерії, дріжджі, мікобактерії, грибки та віруси, а також підтверджена дія на простіші, ооцисти (*Eimeria* та *Cryptosporidium parvum*) при 2% розчині протягом 2 годин контакту та *Ascaris suum*.

ХАРАКТЕРИТИКИ

Синергічна комбінація хлорованої фенольної сполуки (хлоркрезолу) і гліколевої кислоти:

• Дезінфікуючі властивості

Ліпофільні властивості хлоркрезолу в поєднанні з кератолітичною активністю гліколевої кислоти дають змогу **Профіл® С** знищувати всі типи мікроорганізмів. Водночас він набагато ефективніший на мікроорганізми, захищені товстими мембранами (Грам- бактерії, грибки, мікобактерії, ооцисти, ...) та залишається активним навіть у присутності органічних речовин.

• Поверхнево-активна дія

Завдяки тензіоактивному агенту зволожуюча та емульгуюча здатність **Профіл® С** дає змогу просочуватись та прилипати до органічних речовин, таким чином запобігати розповсюдженню мікроорганізмів.

• Кислотний рН посилює дезінфікуючі властивості.

СКЛАД

- Хлоркрезол (CAS 59-50-7):17.0%
- Гліколева кислота (CAS 79-14-1):4.9%

СПЕЦІАЛЬНІ ВЛАСТИВОСТІ

- Фізичний стан: рідина синього кольору
- Запах: фенольний
- Щільність при 20 °C: 1.065
- рН продукту: 2.5
- рН 1% розчину: 4.5
- рН 2% розчину: 3.5

ЕФЕКТИВНІСТЬ

Дезінфекція тваринницьких приміщень та обладнання (РТЗ)

Бактерицидна дія (4 референтні штами). **1.0% (1:100)**

відповідно до норм EN 14349, при 10 °C, 30 хвилин, умови високого рівня забруднення

Дія на дріжджі (*Candida albicans*): **1.0% (1:100)**

відповідно до норм EN 16438, при 10 °C, 60 хвилин, умови високого рівня забруднення

Фунгіцидна дія (*Aspergillus brasiliensis*): **1.5% (1:67)**

відповідно до норм EN 16438, при 10 °C, 60 хвилин,

Мікобактерицидна дія (*Mycobacterium avium*): **1.5% (1:67)**

відповідно до норм EN 14204, 10 °C, 60 хвилин

Віруцидна дія (вірус ЕСВ0): **2.0% (1:50)**

відповідно до норм EN 14675, 10 °C, 30 хвилин

Криптоспорицидна та Кокцидіоцидна дія*: **2.0% (1:50)**

Ascaris suum*: **2.0% (1:50)**

* Згідно з методологією DVG, що відповідає настановам ECHA та проведено незалежною лабораторією BPL.

A 2% Prophyl® S solution reduces the oocyst population by 98,9%

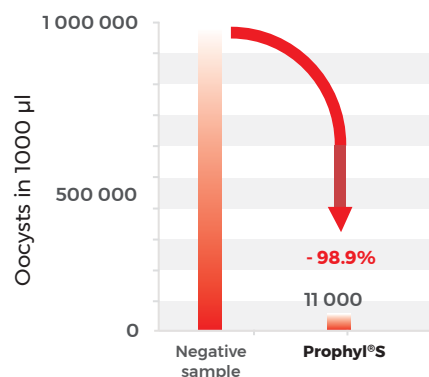
In 2 hours at 10°C and 20°C

compared to a water control.

Method: PCR (Polymerase Chain Reaction). Analysis of *Cryptosporidium parvum* specific gene.

According to the DVG* criteria, the 95% reduction threshold of the *Cryptosporidium parvum* population is reached, **Prophyl® S** is active on *Cryptosporidium parvum* and *Eimeria* spp.

* (Deutsche Veterinärmedizinische Gesellschaft)



INSTRUCTIONS FOR USE

Use Prophyl® S each time animal buildings are cleared.

First disinfection

Spraying the surfaces, disinfecting against bacteria, yeast, fungus and viruses:

- Dilute **Prophyl® S** in water into a **1-2%** (1:100 to 1:50) solution, depending on the desired effect, either 1 or 2 litres for 100 litres of solution.
- Spray the solution on surfaces (walls, floors and ceilings) and equipment at low pressure, using 200 to 300 ml per m² (close to runoff).
- Leave it to work for 30 to 60 minutes depending on the chosen effect.
- Increase contact time in low temperatures.

Coccidia and Cryptosporidium prevention

Prepare a **2% Prophyl® S** solution (1:50). Spray solution on previously washed floors and walls (up to animal height) using 0.4 litre per m² of surface on concrete floors and 0.5 litre per m² of surface on dirt floors. Leave it to work for at least 2 hours.

- Recommendation: apply **Prophyl® S** on kennels and calf pens. Regular clearing of animal buildings and disinfection is required to remove parasites.

Soaking small equipment

Prepare a **1-2% solution of Prophyl® S** in water (1:100 to 1:50) depending on the desired effect, either 1 or 2 litres for 100 litres of solution.

- Immerse clean materials and small equipment in the solution.
- Scrub the materials and equipment.
- Leave it to work for 30 to 60 minutes depending on the chosen effect.
- Rinse in water.

Surroundings disinfection

Prepare a **2% Prophyl® S** solution (1:50). Spray the solution using 300 to 500 ml per m².

Pre-disinfection in high risk situation

Spray the **2% Prophyl® S** solution at low pressure, using 300 ml to 500 ml per m² directly on the surfaces, prior to any intervention. Leave it to work for 12 to 24 hours before any other intervention.

Footdips

- Use at **2% (1:50) Prophyl[®] S** solution: 2 litres for 100 litres of water.
- Foresee footdips capacity of 10 to 15 litres with a 10 cm height minimum

Fill footdips with **Prophyl[®] S** solution and put them at the entrance of each building in a location sheltered from adverse weather conditions.

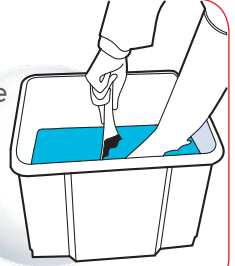
Fill the foot bath with 10 litres of water and add 0.2 litre of **Prophyl[®] S**. Mix well.



Using a hard brush, thoroughly clean all boots and particularly the soles before using the foot bath.



Dip the boots in the disinfectant solution and use a soft brush to ensure that it is applied thoroughly to the soles.



- **Let the solution act for 1 minute minimum at 10 °C.**
- Change the disinfectant solution once or twice a week depending on the organic load of the solution.

Wheeldips: the recommended size is 30 cm high, 4 to 6 m long and 4 m wide.

Vehicles must cross the rotoluve slowly, to avoid overflow.

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Disinfection of vehicles for animal transportation

Vehicles have to be firstly washed with a cleaner solution, ensure good rinsing before applying **Prophyl[®] S**.

- Use a **2% (1:50) Prophyl[®] S** solution : 2 litres for 100 litres of solution.
- Spray the solution on vehicle at the rate of 200 to 400ml/m² to the point of run-off.
- **Let act for 5 minutes minimum at 10 °C.**

IN PRACTICE

For small areas, use a sprayer equipped with a low-pressure but high-flow brush nozzle, which allows the formation of large drops to wet the surfaces. Prophyl[®] S can also be used with a foam gun.

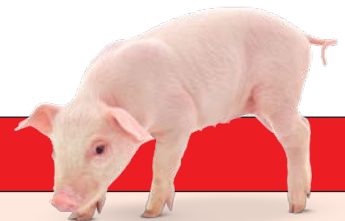
Indicative table of disinfectant quantities To be used for spraying*

POULTRY FARMS (concrete floor)



Spraying	Building characteristics	Disinfectant solution			
		Quantity of water 0.5 litre / m ²	Quantity of Prophyl [®] S Spraying at 2%	Quantity of water 0.3 litre / m ²	Quantity of Prophyl [®] S Spraying at 2%
Hens/Turkeys 400 m ² floorspace	1 100 m ²	550 litres	11 litres	330 litres	6.6 litres
Hens/Turkeys 1000 m ² floorspace	2 600 m ²	1 300 litres	26 litres	780 litres	15.6 litres

PIG FARMS



Spraying	Building characteristics	Disinfectant solution			
		Quantity of water 0.5 litre / m ²	Quantity of Prophyl [®] S Spraying at 2%	Quantity of water 0.3 litre / m ²	Quantity of Prophyl [®] S Spraying at 2%
Farrowing (10 sows)	264 m ²	132 litres	2.6 litres	80 litres	1.6 litres
Post weaning (100 piglets)	225 m ²	113 litres	2.3 litres	70 litres	1.4 litres
Fattening (100 pigs)	410 m ²	205 litres	4.1 litres	120 litres	2.4 litres

CATTLE FARMS



Spraying	Building characteristics	Disinfectant solution			
		Quantity of water 0.5 litre / m ²	Quantity of Prophyl [®] S Spraying at 2%	Quantity of water 0.3 litre / m ²	Quantity of Prophyl [®] S Spraying at 2%
Nursery 10 places	100 m ²	50 litres	1 litre	30 litres	0.6 litre
Other: for 100 m ² floorspace	300 m ²	150 litres	3 litres	90 litres	1.8 litres

* All technical data (surfaces and volumes) given in these tables have guide values and must be calculated on a case by case basis prior to application.

STORAGE CONDITIONS AND USE

- Can be kept for 3 years in its original packaging, closed and stored in a dark place, avoiding extreme temperatures.
- Do not reuse the packaging.
- Clean the application equipment with water.
- Do not apply to surfaces in contact with foodstuffs.
- **Prophyl[®] S** should be applied with personal protective equipment: protective waterproof suit covering the whole body, gloves, safety glasses and respiratory mask.
- Close the can properly after each use.

REGULATORY

- Biocide PT3
- Not classified hazardous for the environment according to the CLP regulation
- Not concerned by the ICPE storage limits

PACKAGINGS

- Box of 12 x 1 litre cans
- Box of 4 x 5 litres cans
- 20 litres can
- 200 litres drum



Use biocides with caution. Consult the safety data sheet and the label before any use.
Professional use only.

