

# CID LINES<sup>®</sup>



WE  
MAKE  
HYGIENE  
WORK



At CID LINES, we believe that hygiene is health. And that health, in turn, is the key to more profitability and sustainability. In agriculture, healthy animals ensure a higher return on investment for farmers. In the food industry, health and safety lead to better business, in line with all regulations. Overall, end consumers will always benefit from a healthy food chain, leading to greater wellbeing.

That's why we make hygiene work. And we do it in the most effective way, as a trusted partner of farmers and food professionals. Not only do we offer a broad range of products for specific purposes, we also give advice that's fully tailored to each situation and every step in the chain. To come up with the right hygiene solutions, we build solid relationships with our distributors, offering them continuous support.

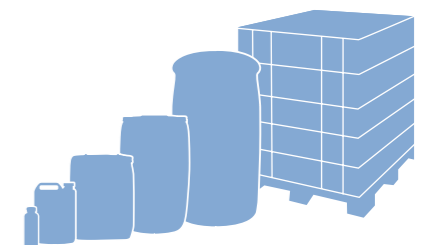
Moreover, we always stay ahead by investing in research and development and by sharing our innovations with our partners. This way, we make sure that they don't need to worry. Because we help them focus on what's truly essential: keeping their business healthy.

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**CID LINES®**

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Multiple packaging available.  
Ask your CID LINES dealer for the correct packaging in your country.

CID LINES reserves the right to change products without prior notice. All mentioned products are not necessarily available or registered in every country. Please ask for advice to your local CID LINES distributor. Additional product information can be obtained on demand: Technical Data Sheet, Material Safety Data Sheet, catalogues... Other packing sizes are available upon request.

# PERSONAL HYGIENE

## Boot, hand and clothing hygiene

The most discarded and forgotten measurement on the farm – whilst it is probably the fastest, most simple and cheapest in order to prevent spread of bacteria – is to disinfect footwear and sanitize hands with anti-bactericidal hand soap. A very small effort that really should become an automatism among farmers and workers because recent studies have again clearly proven that farm boots samples are an important risk factor with a Salmonella prevalence of 19.7%! (Prev. Vet Med., 2011).

If disinfection baths are adequately used and located on strategic places, they are a good additional measure for the biosecurity of the farm. Additionally, the presence of foot baths draws the attention of staff and visitors to the importance of biosecurity on farm grounds (Amass et al., 2000; Pritchard, 2003)



### Kickstart

**Kills microbes in seconds!**

- alternative to traditional disinfectants
- very fast action
- approved for organic farming



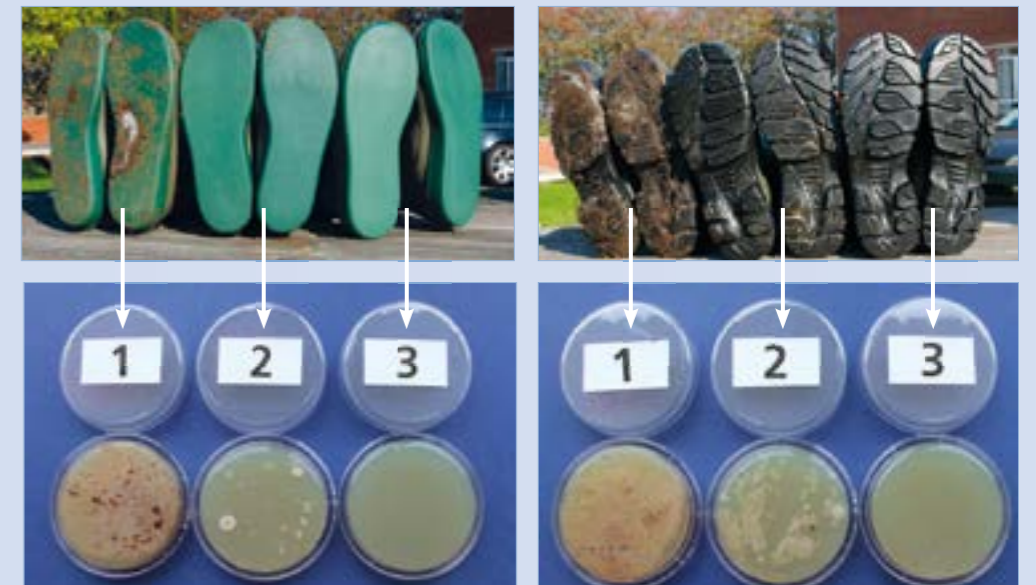
### Virocid®

**The most concentrated disinfectant!**

- most effective disinfectant
- worldwide proven efficacy (EN and AOAC)
- recommended for emerging disease control
- user friendly



1. DIRTY BOOTS
2. RINSED WITH WATER
3. DISINFECTED



Source:  
Department of Agriculture  
and Fisheries/DGZ/UGent

Use biocides with precaution. Before any use, read the label and the information concerning the product.



## How to wash your hands

1. Palm to palm
2. Right palm over back of left hand and left palm over back of right hand
3. Palm to palm with fingers interlaced
4. Backs of fingers to opposing palms with fingers interlocked
5. Rotational rubbing of right thumb clasped in left palm and vice versa
6. Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa
7. Dry your hands
8. Disinfect



STEP 1



STEP 2



STEP 3



STEP 4



STEP 5



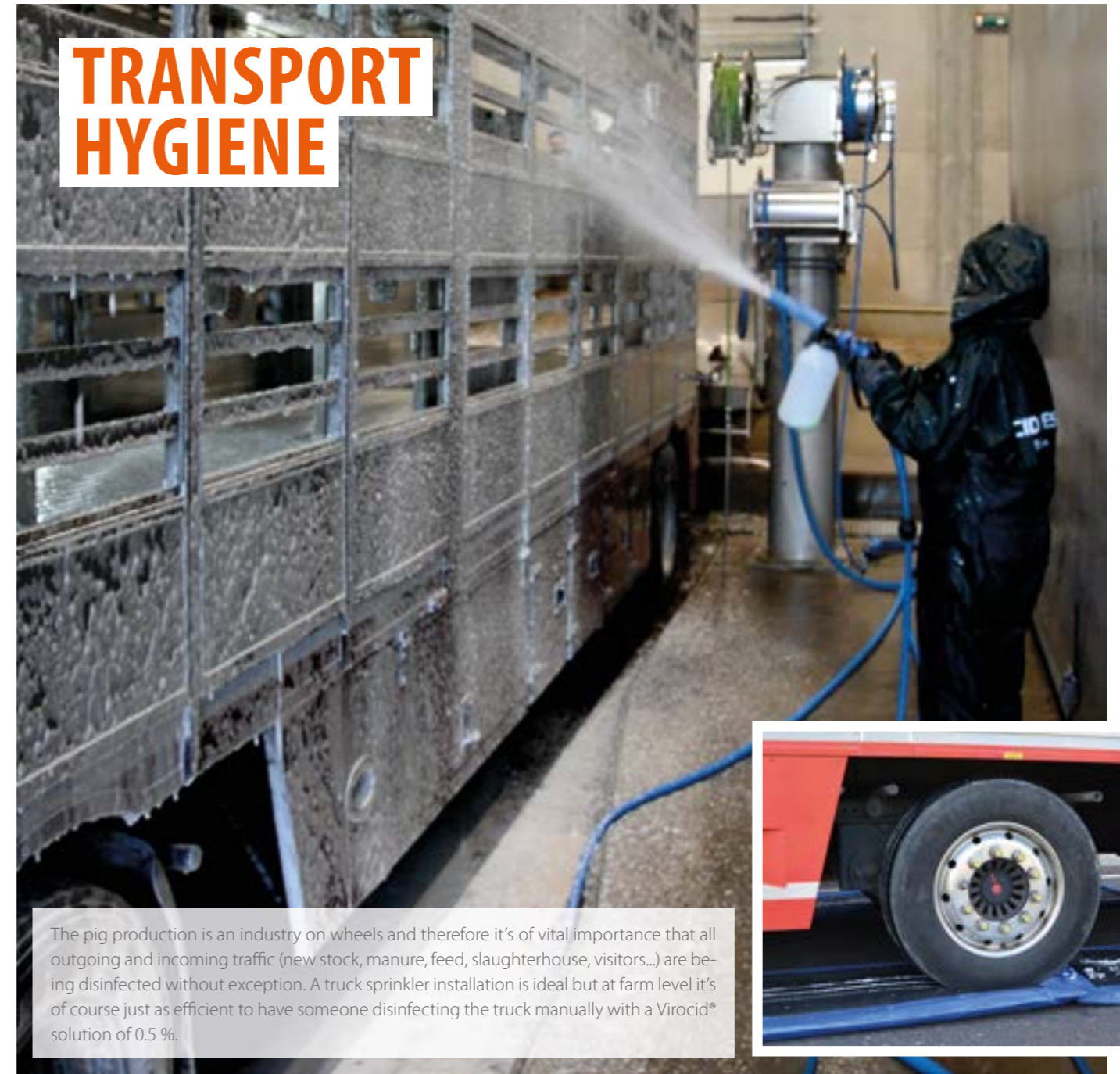
STEP 6



STEP 7



STEP 8



The pig production is an industry on wheels and therefore it's of vital importance that all outgoing and incoming traffic (new stock, manure, feed, slaughterhouse, visitors...) are being disinfected without exception. A truck sprinkler installation is ideal but at farm level it's of course just as efficient to have someone disinfecting the truck manually with a Virocid® solution of 0.5 %.



### Kenosept™ G / L

Alcoholic solution for hand hygiene.

- disinfection of hands
- fast drying
- certified for agriculture and food processing industry
- soft for the skin
- complies to EN1040 and EN1500 norms



### Kenoderm™

Disinfecting hand soap

- cleaner and disinfectant
- soluble liquid soap
- soft for the skin
- contains no perfume
- complies to EN1040 and EN1500 norms



### Omniwash

Professional washing powder / liquid

- unique composition
- for hand and machine wash
- high concentration of active ingredients
- for all types of textile
- 30°C - 90°C



### Biosafe

Universal foam cleaner to renew and protect equipment!

- extremely safe
- multifunctional use
- fast rinsing



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The most concentrated disinfectant!

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- worldwide proven efficacy (EN and AOAC)
- recommended for emerging disease control
- user friendly



### Cid 20

Your real hope in hygiene warzones

- most trusted disinfectant
- very economical
- long-lasting activity
- results in healthy & profitable business

# PIG HOUSE HYGIENE

# CID



Biosecurity on pig farms comprises all measures taken to minimize the risk of the introduction and the spread of infectious agents, thus keeping pigs healthy. By taking measures, pig farmers try to protect their animals against diseases in the best possible way. When explaining biosecurity, a distinction is made between external and internal biosecurity. External biosecurity concerns all measures to reduce the risk of disease-causing agents from entering or leaving farms. Internal biosecurity comprises measures which combat the spread of disease within the farms themselves.

## Cleaning

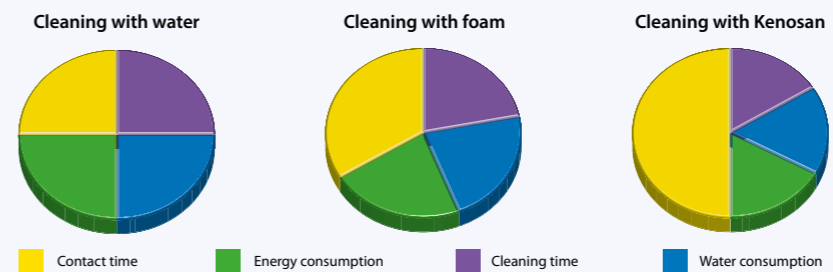
After the animals are moved out of the pig house, it's time to start the cleaning protocol. The sooner you start the better. Manure is easier to remove when it's still moist and the longer a clean and disinfected pig house is left to dry before the new chicks enter it, the better hence very few bacteria and viruses can survive a long period of drought without the presence of organic matter (litter, manure, biofilm, etc). Within the presence of organic dirt however some micro-organisms can survive up to 60 days in a dry environment. Therefore cleaning is an absolute must! Organic dirt cannot be disinfected.

Removing this organic dirt should be done in the most easy and fastest way possible at an affordable price. Hygiene must be realistic! With the farmer's real needs in mind and a lot of experience in the field, CID LINES has developed a range of alkaline cleaners which prove their benefits – including superior efficacy and time saving properties – daily on many pig farms worldwide.



## Did you know ?

Almost 50% of the real cost of a comprehensive cleaning and disinfection procedure goes on labour, up to 33% on water (including extra manure storage and disposal costs) and around 5 % on products (cleaning agents and disinfectants).



### Kenosan™

- The new standard in cleaning
- unique formula based on new technologies
  - sticky and long-lasting foam
  - extreme dirt penetrating capacity
  - very economical use
  - non corrosive



### Biogel

Animal house cleaner with gel forming properties

- adhesion power
- longer contact time
- labour and water saving
- safe in use



### Tornax S

Let your surface shine again!

- strong acid foam cleaner
- removes scale, proteins and iron deposits
- good foam generation
- based on phosphoric acid
- stained surfaces shine again



### DM Cid S

Alkaline chlorinated foam cleaner and disinfectant

- bleaching effect
- excellent foaming qualities



## Disinfection

The goal of disinfection is very clear: achieve a 99,999% microbial reduction. It's all about avoiding pathogens building up to dangerously high levels. At these high levels they can cause serious health problems for the animals and substantial economic losses to the farmer. It's a never ending job that requires a rigorous approach. One cannot be selective about which areas get disinfected and which are not. Bacteria, viruses and fungi will find a stronghold in these 'forgotten areas' and finally spread disease through people, poultry, transport, vermin, insects etc. that are passing by these infectious hot spots.



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### Cid 20

**Your real hope in hygiene warzones**

- most trusted disinfectant
- very economical
- long-lasting activity
- results in healthy & profitable business



### Iocid 30

**Iodine based disinfectant**

- multi-purpose
- high and stable 2,8% iodine level
- effective against gram+ and gram- bacteria and fungi



## Virocid®

**The most concentrated disinfectant!**

- most effective disinfectant
- worldwide proven efficacy (EN and AOAC)
- recommended for emerging disease control
- user friendly

## Virocid®, the world's most powerful disinfectant.

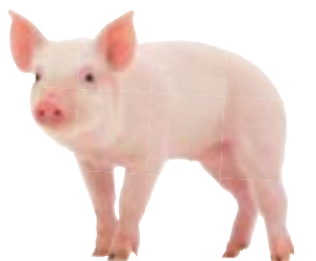
Virocid® is an extremely concentrated disinfectant with a synergistic composition of 4 active ingredients. It has proven records in preventing and fighting disease outbreaks for many years. It is amazingly effective at very low dilutions (0,25 – 0,5%) against ALL microorganisms: bacteria, viruses, fungi and spores.

Moreover, Virocid® has a long residual action and can be applied in a versatile way (spraying, (hot) fogging, foaming) on surfaces, boot dips, vehicles and equipment. Tested and registered worldwide (EN, AFNOR, DEFRA, DVG, EPA, ...). The bactericidal, virucidal, fungicidal and sporicidal effect of Virocid® is unique in the world and is safe for people, animals and their environment. Virocid® complies with MEL (maximum exposure limit). This legislation is about the protection of the human health and the security of the employees against the risks of chemical agents in the working environment. In this regulation they mention that there can only be max. 0,05 ppm after 15 min of exposure time. The values for Virocid® are as followed:

- Virocid® sprayed at 0,5% (1:200) → 0,0019 ppm
- Virocid® foamed at 0,5% (1:200) → 0,0016 ppm

More information available on [www.virocid.com](http://www.virocid.com)

Bacteria	Norm
Bacillus anthracis strain RKI03-01640	AFNOR NFT 72-190
Bacillus cereus	T72-190 ENG
Brachyspira hyodysenteriae	EN 1276
Brucella suis biovar 2 strain CODA13	AFNOR NFT 72-190
Campylobacter jejuni	AOAC UDT, EN 1656
Clostridium perfringens	EN 1276
Escherichia coli	EN 1276, NFT 72 301, T72-300 AY, T72-300 ED, T72-190 ENG, T72-190 NI, EN 13697, EST, AOAC Abu Dhabi, ISO 22196:2007, AOAC UDT
Klebsiella pneumoniae	AOAC UDT
Listeria monocytogenes	AOAC UDT
Mycobacterium bovis	EN 14204
Mycoplasma hyopneumoniae	AOAC UDT
Proteus mirabilis	EST
Pseudomonas aeruginosa	AOAC UDT
Pasturella multocida	AOAC UDT
Salmonella choleraesuis	AOAC UdmBasic, AOAC UDT
Salmonella enteritidis	EN 1276, AOAC 960.09, AOAC UDT, EN 1656
Salmonella hadar	EN 1656
Salmonella heidelberg	EN 1276, AOAC 960.09
Salmonella infantis	EN 1656
Salmonella Kentucky	EN 1656
Salmonella paratyphi java	EN 1276
Salmonella typhimurium	EN 1276, EN 1656
Salmonella typhisuis	AOAC UDT
Staphylococcus aureus	EN 140 fr, EN 1276, EN 1656, T72-300 AY, T72-300 ED, T72-190 ENG, T72-190 NI, NFT 72 301, EST, AOAC UDT, CIRLAM SDP(thaw), CIRLAM SDP+paper, DVG Böhm, DVG Böse, EN 13697, AOAC UdmBasic, AOAC Abu Dhabi
Staphylococcus hyicus	EN 1656
Streptococcus faecium	AFNOR T-72-103
Streptococcus suis	AOAC UDT
Yersinia pestis	NFT 72-190
Fungi and yeasts	Norm
Aspergillus fumigatus	EN1650, EST NI, EST ENG, AOAC Fungi
Aspergillus niger	EN 1650
Candida albicans	AFNOR T-72-103
Fusarium dimerum	AOAC Fungi
Fusarium oxysporum	EN 1650
Geotrichum candidum	NFT 72 301
Penicilium verrucosum	AFNOR T-72-103
Trichophyton mentagrophytes	EN 1650, AOAC
Viruses	Norm
Foot and mouth disease virus	VIROCID FMD Eng, NFT 72-180, Technical file FMD, National Institute for Veterinary Research
H1N1 Influenza A (Mexican Flu)	US EPA 40
H5N1 Influenza	H5N1 - test China, US EPA 40, Use-dilution test AOAC
Swine Fever	AFNOR NFT 72-180, AFNOR 86081, AFNOR
Talfan disease	AFNOR NFT 72-180 (hard water), AFNOR NFT 72-180 (proteins), AFNOR NFT 72-180 (Substances Interferences)
Transmissible Gastro-enteritis virus	EN 14675
Swine Vesicular Disease Virus (SVDV)	EN 14675
Vesicular stomatitis Virus (VSV)	EN 14675
Aujeszky's disease/ Pseudorabies	AFNOR, AOAC
African Swine Fever Virus	ASFV 2011
PRRS	EPA 810.2100
Porcine Circovirus	EPA 810.2100, EPA 810.2100
Porcine Circovirus	EPA 810.2100, EPA 810.2100
Porcine Epidemic Diarrhea virus	ASTM E1053-11 (compliant with EPA requirements)



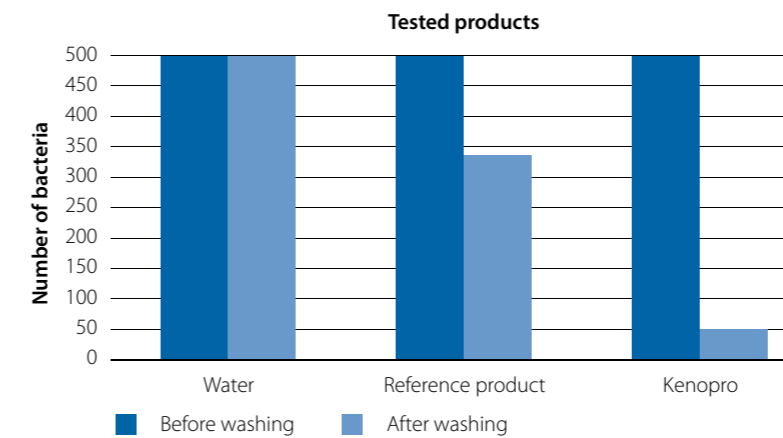
# ANIMAL HYGIENE



## Sow washing

During the long gestation period sows housed individually or in groups eventually get dirty, especially at the backside, udder and flank area. Within this dirt and the in-the-skin flora, bacteria and viruses like *Staphylococcus aureus*, *Staphylococcus hyicus*, *Streptococcus suis*, PRRS, coli bacteria, PIA, dysentery etc. can be present in huge numbers.

To protect the newborn piglets and give them a healthy start from day one, we cannot expose them to this high level of infectious pathogens. Washing the sows before they enter the farrowing house is a standard procedure at every sow farm which aims for maximum profit through maximum prevention.



**Kenopro™**

Brings the condition of your animals skin to perfection!

- animal shampoo
- pleasant to use
- does not irritate the eyes
- leaves a fresh pine smell
- preparation for scab treatment

## Skin disinfection

On pig farms, skin disinfection treatment is still mostly applied sporadically on animals that are heavily injured on the skin, for example sows with a shoulder lesion or wounds after severe fighting. Of course in these cases they need treatment and skin disinfection is definitely an important part of that treatment.

However when skin disinfection becomes part of a total prevention protocol, the benefit for the farmers goes much further than aiding only one individual animal but prevents spread of disease among the whole herd through cross contamination like mange, *Streptococcus*, *E. coli*, Influenza, etc.



**Kenodin™ SD**

Disinfectant for teat and animal skin

- based on stable iodine (3000 ppm)
- efficient against bacteria and fungi causing mastitis
- excellent skin conditioning properties



**Kenomint™ SD**

For smooth and silky soft teats!

- based on chlorhexidine
- contains Menthae arvensis
- high quantity of emollients
- soothing and anti-inflammatory properties



Use biocides with precaution. Before any use, read the label and the information concerning the product.



## Protective and disinfecting skin spray

There are plenty of different types of aerosol sprays to go around on today's pig farms like alu-sprays, blue sprays, powder sprays, antibiotic sprays etc. and they come in all different sizes, shapes and colors. In fact there are so many sprays on the market that pig farmers often ask us: Which one do we need for which application? Do they actually work? Are they proven and well tested (registration)? How long does the product last on the skin? ...

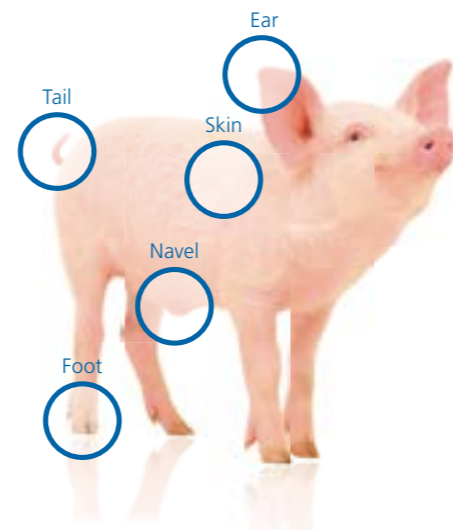
Therefore when CID LINES developed an aerosol spray, it had to be much more than "just another spray" on the market. We committed to offer a spray that delivers exactly what it claims, proven by extensive lab and field testing and combining 3 different functions into 1 spray.



### Kenofix™

#### Protective and disinfecting skin spray

- based on chlorocresol and essential tea tree oils
- powerful and durable disinfection
- easy to use, fast and precise
- "Second Skin" technology
- film is permeable for oxygen



# DRINKING WATER HYGIENE & TREATMENT



Farmers want to build the most modern animal houses, to have a quality feed and to select pigs with the best genetics. It is easy to forget that drinking water is the most important nutrient for farm animals and that the animals drink at least twice as much as they eat solid feed. High quality drinking water is an essential component for a healthy and efficient production of pigs.

It's strongly advised to check the water quality twice a year and if there is any doubt concerning the quality of the drinking water, samples need to be collected to analyze the water and verify that it is acceptable for your pigs. The quality of water can be affected by microbiological, physical and chemical factors.



## Cleaning drinking water lines



The fastest way a pathogen can spread disease in a farm and affect the majority of your flock is through the drinking water!

Contaminated drinking water can weigh heavily on the immune system of pig and will cause distress and disease due to the constant exposure to this high infection rate. Bacteria such as *Salmonella* or *E coli* can be carried easily to the pig house and each drinking nipple where they eventually are consumed. Implementing a solid hygiene plan on a pig farm through management, cleaning and disinfection could well be all in vain when drinking water was forgotten or not even included in your hygiene plan.

The biggest problems occur when the drinking line contains a biofilm. Within this biofilm harmful pathogens are protected and can multiply. The more mineral deposit such as iron, manganese, calcium etc. present due to hard water for example, the easier it is for organic matter including bacteria to attach itself to the inside edge of the drinking water line.



### Cid 2000

The power of O<sub>2</sub> and acidification combined.

- removes biofilm and scale
- disinfect the water
- effective until the end of the line



### Cid Clean

Drinking water line cleaner, based on 50% stabilized H<sub>2</sub>O<sub>2</sub>.

- equipment friendly
- completely biodegradable
- no (heavy) metals
- removes biofilm

## Water disinfection

At some farms there sometimes can still be a problem with the drinking water quality, even after a thorough cleaning of the drinking lines. In these cases the problem lies often with the quality of the water that enters the farm. Where does the water come from? Surface water such as artificial lakes or surface wells and well water mostly carry a high bacterial load with them. Also *Trichoderma* and algae are commonly found in these kind of waters. In these situations the incoming water should be disinfected at all times!



### Kenō X

Keep the water for your animals healthy and clean

- two component solution
- produces a chlorine dioxide solution
- strong oxidating capacity

Advantages with Kenō Xpro		
✔ 2.5 more powerful oxidant than chlorine	✔ Removes biofilm	✔ Much less corrosive than chlorine, does not hydrolyse to form acid
✔ Does not form chlorinated byproducts	✔ pH independent: effective between pH 4 - 11	✔ Tasteless & odorless
✔ Removes inorganic contaminants (Fe, Mn, Ca,...)	✔ Effective at higher temperatures	✔ A very broad spectrum kill

## Acidification

Acidifying the drinking water can help to improve the quality of the 'forgotten nutrient'. It not only increases the quality of the drinking water by lowering the bacterial load but it also can result in improved performance of the animals.

When applying a product which has one single organic acid ingredient in drinking water, the pH decreases very quickly and if the dosage is too high, the pH can lower too much, leading to a negative result (lower water intake with decreased performance). Therefore choosing a product which has a synergistic formulation of multiple organic acids is more favorable. These organic acids have a superior buffering effect which makes the pH decrease slowly, have a greater antibacterial effect, are more palatable (tasteful) and are less corrosive compared with a single acid.

	Organic acids	Butyric acid	Zinc & copper	Essential oils	Oligo elements	Vitamins
Agrocid Super™	●					
Agrocid Super™ Oligo	●		●			
Agrocid Super™ Essential	●			●		
Agrocid Super™ Complete	●	●		●		
Kenōvit E				●	●	●

**ACIDS** - Organic acids  
**BU** - Butyric acid  
**ZnCu** - Zinc & copper

**EO** - Essential oils  
**OLIGO** - Trace elements  
**VIT** - Vitamins



### Agrocid Super™

Acidifier for drinking water for pig

- complementary feed
- for pigs and poultry
- acidifier for drinking water

Composition: Sodium chloride - Glucose syrup (Total sugar 0,1%). Analytical constituents: 0% crude protein, 0% crude oils and fats, 0,1% crude ash, 0% crude fibre, 0% lysine, 0% methionine, 0,04% sodium, 25% moisture. Additives: preservatives: Formic acid E236 - Propionic acid E280 - Lactic acid E270 - Citric acid E330 - sorbic acid E200.



### Agrocid Super™ Oligo

Acidifier for drinking water for pig

- complementary feed
- for pigs and poultry
- acidifier for drinking water

Composition: Sodium chloride - Glucose syrup (Total sugar 0,1%). Analytical constituents: 0% crude protein, 0% crude fats, 0% crude fibre, 0% lysine, 0% methionine, sodium 0,04%, 0,0% crude ash, moisture 24,9%. Additives: preservatives: Formic acid E236 - Propionic acid E280 - Lactic acid E270 - Citric acid E330 - sorbic acid E200 - trace elements: Dicumylperoxydihydroxydiphenylpropane E131 - Cupric chloride, monohydrate, 36609-Zinc: 2500 mg/ kg.



### Agrocid Super™ Complete

Acidifier for drinking water for pig

- complementary feed
- for pigs and poultry
- acidifier for drinking water

Composition: Mono- di- and triglycerides of butyric acid, Glycerol. Analytical constituents: 0% crude protein, 0% crude fibre, 0% lysine, 0% methionine, 0% phosphorus, 1,0% sodium, 2,4% crude ash, 16,3% moisture, 23,0% crude oils and fats. Additives: Preservative agents: E236 Formic acid, E237 Sodium formate, E270 Lactic acid. Aromatic substances (2bi): 5%.

## Essential oils

- Beneficial effect on the general health
- Strong antioxidant activity
- A stronger anti-bacterial effect through the synergistic action with organic acids
- An improved efficacy in both high and low pH level



### Kenōvit E

Back to the essence!

- complementary feed for pig
- based on oils, vitamin E and Selenium
- enhances the feed intake
- helps to relieve heat stress
- positive influence on the respiratory tract
- stimulates intestinal health and immune system

Composition: 30% Propylene glycol, 3% Glycerol. Analytical constituents: 0% crude protein, 0% crude fibre, 0% lysine, 0% methionine, 0% phosphorus, 0,09% sodium, 0,1% crude ash, 21,0% moisture, 28,0% crude fats. Additives: Vitamins: 3a700 - Vitamin E 10 mg/g Trace elements: EB - Selenium 0,05, mg/kg as Sodium Selenite Emulgators: E484 polyethyleneglycolglycerylcololate Aromatic Substances (2bi): 250 mg/g.

Use biocides with precaution. Before any use, read the label and the information concerning the product.

# PREVENTION IS THE BEST TREATMENT!

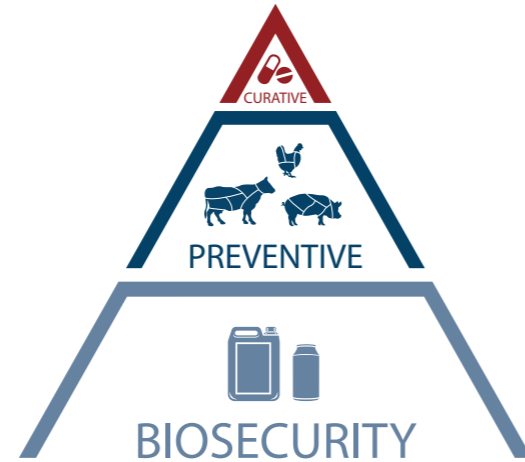


Antimicrobial resistance (AMR) is omnipresent both in human and veterinary medicine. Whether we use too much antibiotics, we don't apply them in an adequate way (under- or overdose) or we use the correct dose of antibiotics to treat an infection, we encourage in every way the developing of this antimicrobial resistance.

Our body and the body of our animals are full of bacteria (in the nose, in the intestine, on the skin, ...). Not all bacteria are dangerous or pathogenic, we need a lot of them to survive. Although by treating one specific pathogenic bacteria at one specific place in the body of an animal, you will always attack at the same time all the other necessary bacteria of this animal.

Conquering antimicrobial resistance is one of the main objectives worldwide. It is very clear that we have to change from a curative management to a very forceful preventive management (without using preventive antibiotics). Several projects across the EU during 2011-2015 have shown that we really can reduce AMR in a proper way by reducing the overall AM use. But if we want to do this, we are in need of a valuable biosecurity program (internal and external) and an adequate herd-management.

To successfully control a disease and thus reduce the use of antibiotics, we need to **minimize the exposure** of pathogens and we have to **maximize immunity** for the animals.



Cleaning and disinfecting lies at the base of keeping out pathogens and is seen as one of the most important things for your herd management. Through well identified immunity boosters, we give the animals the support and aid to endure and fight the attack that might still occur in a well-balanced environment without using antimicrobials.

CID LINES is your partner to carry out biosecurity and a hygiene plan on your farm by offering plenty of working tools and expertise.

## 8 myths on antibiotic resistance disproved



A collaboration between CID LINES and professor Jeroen Dewulf, University of Ghent

Antibiotic resistance has been all over the news in recent years. Not only is the problem expanding at an alarming rate, it is also a particularly complex issue. Human, animal and environmental factors as well as the interaction between these three players all have an impact on antibiotic resistance. This complexity has given rise to numerous misunderstandings.

In this book, a unique combination of in-depth theory and practical tips and tricks, professor Jeroen Dewulf provides a step-by-step explanation of the epidemiology of antibiotic use and resistance in animals, and the possible impact on humans. At the same time, he does away with a whole series of myths and clearly demonstrates there is no need for pessimism.

# MANAGEMENT TOOLS

## The Prevention Cost Calculator: a simple tool to optimize your hygiene results.

Zooming in on internal biosecurity, cleaning and disinfection is a job that requires precision, balance and understanding. In order to help farmers to implement an efficacious biosecurity management, CID LINES developed the Prevention Cost Calculator.

Get the free smartphone app Prevention Cost Calculator and cut costs!

The app serves as a calculation tool. On the basis of farm data it will give a detailed insight into the volume of detergent and disinfectant needed for a personalised hygiene protocol. Apart from a calculation tool, the app also serves as a budgeting tool. It allows animal producers to estimate very precisely the total amount of detergents and disinfectants needed per cycle per year or per animal sold.

The app is available for iOS and Android.



Nr	Description	Score	Global average
<b>External biosecurity</b>			
A	Purchase of animals and semen	100 %	89 %
B	Transport of animals, removal of manure and dead animals	72 %	70 %
C	Feed, water and equipment supply	37 %	39 %
D	Personnel and visitors	47 %	64 %
E	Vermin and bird control	100 %	63 %
F	Environment and region	30 %	52 %
Subtotal External biosecurity:		68 %	66 %
<b>Internal biosecurity</b>			
A	Disease management	100 %	58 %
B	Farrowing and suckling period	79 %	60 %
C	Nursery unit	71 %	65 %
D	Fattening unit	79 %	72 %
E	Measures between compartments and the use of equipment	57 %	44 %
F	Cleaning and disinfection	75 %	48 %
Subtotal Internal biosecurity:		73 %	55 %

## Biocheck.ugent

Biocheck.Ugent®: A risk-based scoring system to evaluate the quality of biosecurity at your herd. Complete the scientific and independent questionnaire and receive valuable feedback: an overall score of biosecurity on your farm and a detailed report summarizing your performance. As CID Lines partner you will receive individual and very useful farm-specific advice with the automatic feedback system. We want to offer valuable guidance to improve the implementation of biosecurity on your farm.

To use the automatic feedback system of the biocheck.ugent you can register via the following link: [biocheck.cidlines.com](http://biocheck.cidlines.com)





**CID LINES<sup>®</sup>**

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