



Dairy
Farming

Global solutions
for **Dairy farming**

Our FOOD SAFETY approach

for all THE DAIRY CHAIN



Dairy FARMING

Hygiene and complementary feed solutions for dairy farming, from farm environment to animals health.

Dairy INDUSTRY

Hygiene solutions for all equipments of the dairy industries:

CIP, washing tunnels, cheese molds, surfaces, packaging areas...

Food SERVICE

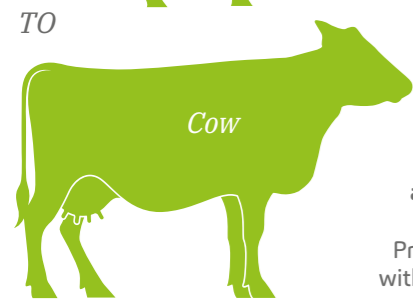
Hygiene solutions tailored to the degreasing, disinfecting or cleaning needs of food preparation laboratories of large retailers and central kitchens.



TO IMPROVE GLOBAL FARM PERFORMANCE AND MILK QUALITY



Program to sustain calf health from its first days
Preservation of a safe environment for optimal calves growth



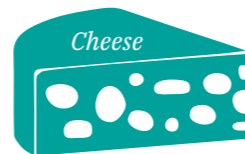
Preservation of a safe milking environment
Prevention of metabolism disorders around lactation cycle
Protection of udder health with our hygiene protocol at each milking step



Efficient protocol to ensure hoofcare
Solutions to guarantee water quality



SPECIFIC, EFFICIENT SOLUTIONS TO OPTIMIZE PROCESS, -



PERFORMANCE AND RESSOURCES MANAGEMENT

Solutions to avoid molds sticking in cheese factory
Washing tunnels audits

Cost optimisation, water, time, energy savings thanks to the single-phased protocol

Improved performance for filtration membranes

Detergency and disinfection without rinsing

Airborne disinfecting solutions for hard-to-reach surfaces

Prevention audits against biofilms
Specific enzymatic solutions formulated to eliminate the extracellular polymeric substances matrix responsible of biofilms



CLIENT TAILORED HYGIENE PROTOCOLS

Cleaning and rinsing agents to optimize performance of dishes washing machine



Solution for difficult cleaning and ready-to use products for oven or burnt greases removal



Adapted solutions for floor cleaning by manual or scrubber dryer application



Solutions for specific applications: Ready-to-use renovator, quick disinfection without rinsing



Reducing cross contamination with hands hygiene solutions : hypoallergenic soap, hydroalcoholic disinfectant, cream



KERSIA VALUES



Proficiency

Biosecurity needs an integrated approach to analyse and manage risks.

We eagerly engage our clients to identify issues and focus on their needs to get it right. We deliver reliable results and comprehensive performance by mobilizing the best of our skills and technical talent.



Foresight

Food safety is challenged everyday by new and often unpredictable issues.

We constantly anticipate transformational change. We think “outside the box” when confronted with new challenges. It is in our nature to innovate and to approach our work with fresh options



Sharing

Open culture is the secret to progress.

We learn and progress from the experience of customers, colleagues and partners. Honest communication amongst people with different experiences helps us develop new solutions and make a difference.



Transparency

To believe food is safe, consumers demand total transparency.

We build long-term relationships by being open, ethical and fair. In a field confronted by sanitary and compliance issues, people trust us since we are true to our word.



A HEALTHY COW STARTS AS A HEALTHY CALF

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SUPPORTING DAIRY COWS THE COMPLETE PACKAGE TO BENEFIT YOUR FARM

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FOOD SAFETY STARTS ON THE FARM

The demand of consumers worldwide is clear: to consume dairy products without risk. Milk provides an ideal environment for the development of bacteria and other pathogens and its safety is therefore a major issue for the dairy industry. For all stakeholders in the sector, a quality problem at the initial stage – the farm – can have repercussions along the entire chain, from farm to fork.

Kersia offers a comprehensive approach for dairy farmers with a complete service including auditing, advice for breeders, training for product distributors and the implementation of appropriate hygiene and complementary feed protocols and solutions for each situation, with follow-up on the results achieved.



A HEALTHY COW STARTS AS A HEALTHY CALF

The profitability of a dairy farm begins with the birth of healthy calves. Once born, it is essential to keep up a good health situation of your calves

- by **implementing stringent biosecurity measures**, i.e to minimise the calf's exposure to disease by providing a clean, hygienic environment
- and by **maximising its defence against disease** by supporting the natural development of immune response and supporting calves in their well-being and performance a through targeted calf complementary feed solutions.



SUPPORTING DAIRY COWS THE COMPLETE PACKAGE TO BENEFIT YOUR FARM

Dairy cows also benefit from a mix of complementary feed solutions and hygiene measures to increase well-being and performance. While performance as a calf is primarily related to growth, performance in dairy cows is associated with better reproduction and good milking quality.

Kersia's Complementary Feed Solutions for Dairy Cows are aimed to support at key life stages such as reproduction and around calving but also for more general issues such as metabolism and digestive well-being and overall well-being.

Kersia's environmental hygiene, milking hygiene and hoof care measures as essential at the prevention of diseases such as Mastitis or Mortellaro on your farm!

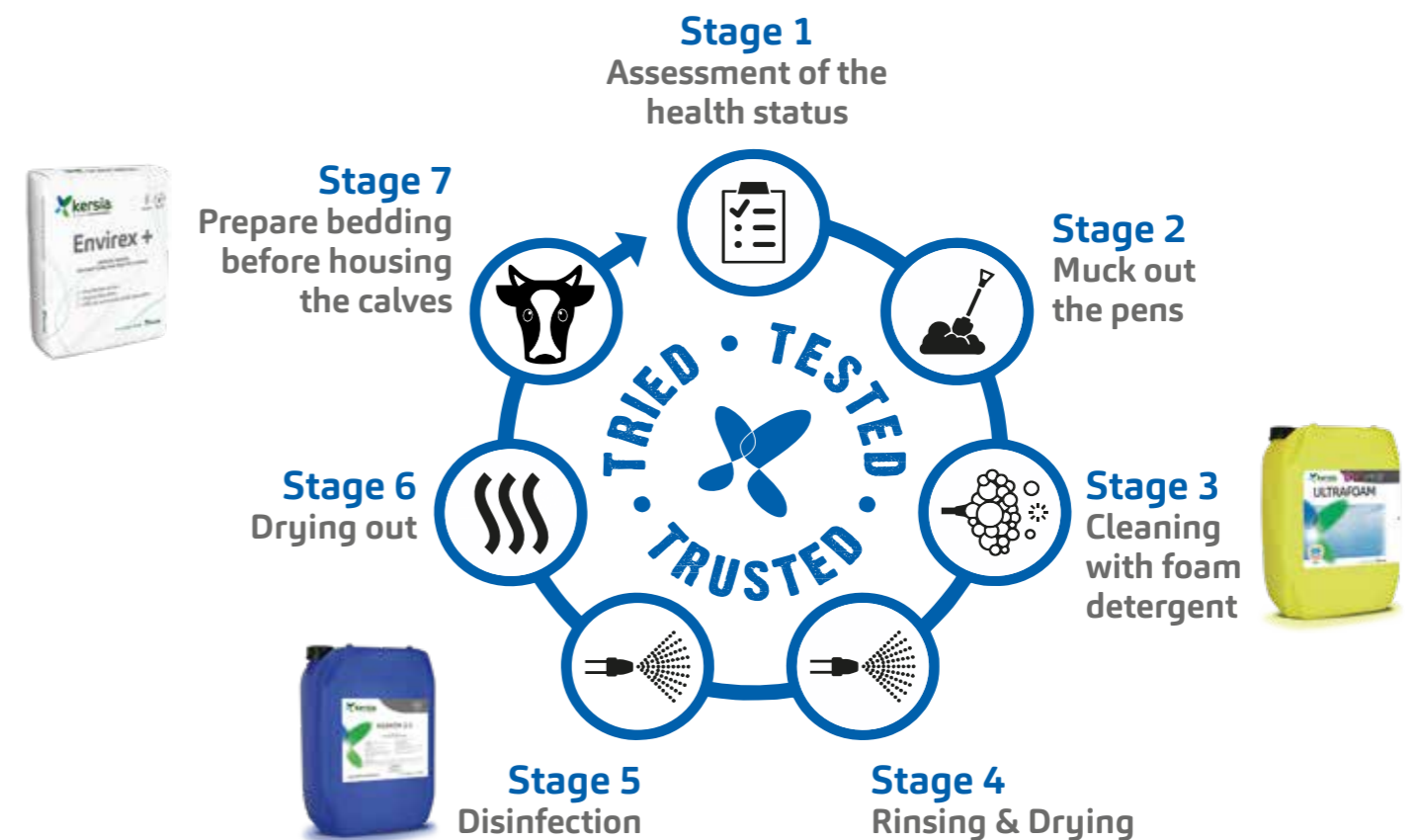
Innovative and more environmentally friendly hygiene solutions focused on the milking process and milk storage, the animal environment and the water hygiene combined with complementary feed programs enhance animal health and resilience.

KERSIA - your partner for prevention and supporting your Animals!

BIOSECURITY MEASURES FOR CALVES

Calf health starts with a clean, disinfected and stress-free housing

The lowest possible microbial pressure in the calving area and in the calf huts is of fundamental importance to avoid the transmission of dangerous pathogens in the initial phase with a weak immune system. Therefore, it is essential to strictly follow the 7 stage process consisting of assessing the health status, clean, rinse, disinfect and dry out, rebed and pally ENVIREX + in the calving area before calving and the calf huts before re-entering of a newborn calf.



Common causes of infectious diarrhoea in the calf

Age of animal	Causal Organism
1-7 days	E. coli, Rotavirus, Coronavirus
5-15 days	Cryptosporidium parvum
10-20 days	Salmonella
21-56 days	Coccidiosis

1 Environmental Hygiene Calves

To ensure the calf gets a healthy start, the aim is to minimise the calf's exposure to disease. Hygiene throughout the rearing system is vital, disease and infection in the first weeks of life will have costs associated with treatment and reduced feed conversion resulting in poor growth. On average, 50% of calf deaths are due to scours caused by poor hygiene on farms. However, if efficient hygiene management practices are put in place, these losses can be prevented.

Cleaning and disinfecting the drinking equipment prevents the transmission of pathogenic germs

Cleaning and disinfecting the drinking equipment (buckets, rubber teats, etc.) is important. Insufficient cleaning and disinfection creates ideal breeding grounds for pathogens. To avoid cross-contamination, always use the same bucket and teat per calf. Disinfect both, teat and bucket, by immersing or spraying after each meal.



CALF HUT CLEANING & DISINFECTION



ULTRAFOAM



A concentrated alkaline foaming liquid detergent for cleaning surfaces and equipment

A concentrated alkaline detergent with high sequestering power, strong foaming, wetting and emulsifying properties for the removal of organic matter. Effective at low temperatures in both hard and soft water, for an all-round premium performance.

ADVANTAGES & RECOMMENDED USAGE

- Highly foaming, wetting, emulsifying and complexing detergent.
- Very active even in the presence of hard water and low temperatures.
- Great dragging capacity and emulsion of organic matter.
- Easy rinsing.
- With corrosion inhibitors to protect materials.

% 1-4% dilution depending on level of soiling.

🕒 ≥20 min.



AGAKOK 2.5



Chlorocresol based targeted disinfectant, tested oocysts of Coccidia & Cryptosporidium

A large spectrum lightly foaming disinfectant for the control of Coccidiosis and Cryptosporidiosis. Also effective against viruses, bacteria, mycobacteria, yeast and fungi.

ADVANTAGES & RECOMMENDED USAGE

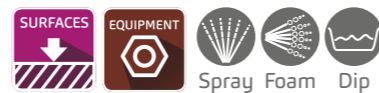
- Broad spectrum, lightly foaming chlorocresol based disinfectant for surfaces and equipment / materials
- Bactericidal, yeasticidal, fungicidal, virucidal and mycobactericidal efficacy
- Anti-cryptosporidia & Anti-ascaris efficacy
- Anti-coccidia efficacy demonstrated based on the test conducted according to DVG method on Cryptosporidium parvum

% 1% Bactericidal, Virucidal, Fungicidal, Yeasticidal 1% Mycobatericidal 2% Cryptosporidia / Coccidia challenge

🕒 ≥ 30 min. / ≥ 10°C ≥ 60 min. / ≥ 10°C ≥ 120 min. / ≥ 20°C



ECOFOAM ADVANCED



An ultra-high performance alkaline long cling foam detergent for cleaning surfaces and equipment

Ultra-high performance alkaline, long cling, foam detergent. Effective for fat and protein removal on heavily soiled areas and effective in both hard and soft water.

ADVANTAGES & RECOMMENDED USAGE

- Ultra-high performance alkaline long cling foam detergent.
- Highly foaming, wetting, emulsifying and complexing detergent.
- For fat and protein removal on heavily soiled areas.
- Remains fully effective regardless of water hardness

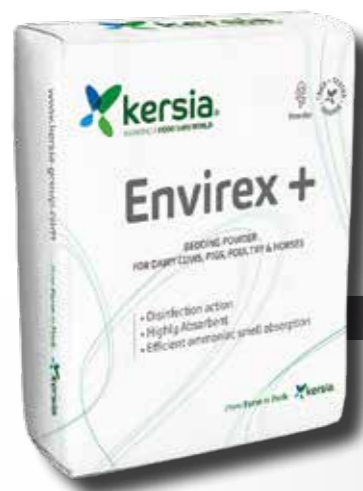
% 1-2% dilution depending on level of soiling.

🕒 20 - 60 min.



Disinfectants are regulatory biocides. They have guarantees of efficiency and protection of human, animals and the environment. Use biocides safely. Before use read the label and product information. * Dangerous. Comply with precautions for use.

BEDDING POWDER



ENVIREX+

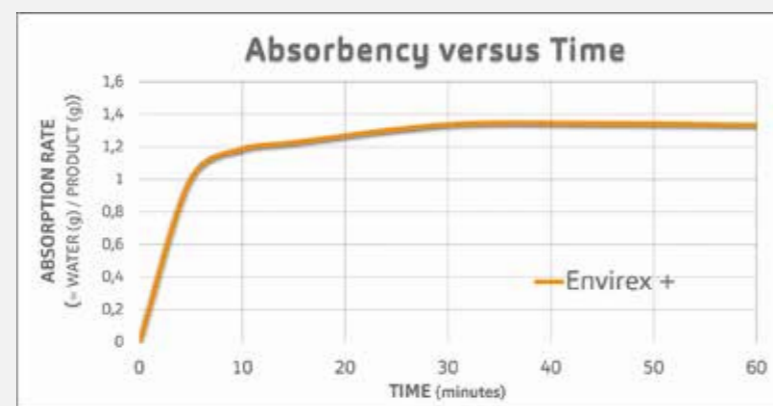


Disinfecting bedding powder with high absorption power

Envirex + is based on a mineral complex and 2% VIREX. It offers a neutral pH of 7 (+/-0.5), fresh spring aroma, great ammonia odor reduction, non-sticky to hands and easy to sprinkle.

ADVANTAGES & RECOMMENDED USAGE

- Composed by 2% w/w of VIREX, offers a bactericidal efficacy
- Fresh spring aroma : long term smell thanks to aroma powder
- Captures odours : high reduction of ammonia smells
- Easily spreading the ground : does not stick on the hand of the operator, on the udder or and the straw
- Strong absorbence capacity :
 - kaolin is a efficient dryer and allows high humidity control
 - absorbs more than 120% of its own weight, which is nearly 3 times more absorbent than lime



300g/m², bactericidal efficacy

Calf - Niches and Boxes:

→ after cleaning, disinfection and drying, apply 300g/m² to the floor, then 1 application per week on the bedding

Dairy Cow - Deep beddings, straw areas:

→ apply after straw application with a dose of 300 g/m² for 2-3 times per week

Dairy Cow - Cubicles:

→ apply 2 to 3 times per week over the back third of the cubicle with a dose of 300 g/m²

Ingredients	Benefits of each ingredient
Kaolin clay	Dries all types of surfaces Soft component in contact with skin Much more absorbent than calcium carbonate Healing properties
Plant extracts	Good moisture absorption
Virex	Contains 2% VIREX (a bactericidal powder disinfectant)
Fresh spring aroma	Better diffusion than perfume essences Provides a long-lasting fresh smell
Yucca-extract	Neutralizes ammonia and unpleasant odors



SOLUSAFE +



High power absorption powder

SOLUSAFE + combines a high power of absorption and drying capacity together with a bacterial and enzymatic complex to create a positive flora and to acidify the area.

ADVANTAGES & RECOMMENDED USAGE

- Enzymatic and bacteria complex to colonize the medium through a positive flora
- Vegetable fiber
- Aromatic plants extracts
- Effective drying and good litter state
- Improvement of the atmosphere and the animals well-being
- Composition: based on clay, plant extracts, lithothamne, carbonate and bacterial and enzymatic complex

Wet & risky areas (troughs, drinkers, feeders):

→ apply with a dose of:
50-100 g/m²

Deep beddings, straw areas

→ apply after straw application with a dose of:
400-800g/cow/week

Cubicles:

→ apply per week over the back third of the cubicle with a dose of:
250-500g/cow/week



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CALF

Environmental Hygiene

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Complementary Feed

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COW

Milking Hygiene

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Environmental Hygiene

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CALF DRINKING EQUIPMENT HYGIENE



ULTRAFOAM



A concentrated alkaline foaming liquid detergent for cleaning surfaces and equipment

A concentrated alkaline detergent with high sequestering power, strong foaming, wetting and emulsifying properties for the removal of organic matter. Effective at low temperatures in both hard and soft water, for an all-round premium performance.

ADVANTAGES & RECOMMENDED USAGE

- Highly foaming, wetting, emulsifying and complexing detergent.
- Very active even in the presence of hard water and low temperatures.
- Great dragging capacity and emulsion of organic matter.
- Easy rinsing.
- With corrosion inhibitors to protect materials.

% 1-4% dilution depending on level of soiling.

🕒 ≥20 min.



AGACID 5+



A highly stabilised and foaming disinfectant based on peracetic acid.

It is fast-acting and can be optimally used at low temperatures and with conventional water hardnesses. An excellent depth effect with low odor load makes the use of AGACID 5+ possible for many tasks.

ADVANTAGES & RECOMMENDED USAGE

- Contains peracetic acid, hydrogen peroxide and blend of surfactants
- Foaming properties
- Bactericidal, yeasticidal and sporicidal efficacy on surfaces in contact with food or feed (PT4):

% 0.3% Bactericidal	0.5% Yeasticidal	0.5% Sporicidal
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🕒 ≥ 5 min.	≥ 5 min.	≥ 30 min.
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🧪 Peracetic Acid.

CALF AUTOMATIC MILK FEEDER



HYPRAL SP



Alkaline for the cleaning of calf drinking equipment with a strong complexing power.

A concentrated alkaline detergent with strong complexing power, which is generally used as a single cleaning product and does not require an acid alternation (in case of very hard waters, a periodical acid cleaning stage may however be useful).

ADVANTAGES & RECOMMENDED USAGE

- Powerful alkaline cleaner for removing milk fat
- For thorough cleaning of drinking buckets
- Also suitable for high cleaning temperatures

% 1-4% dilution depending on level of soiling.

🕒 ≥20 min.



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Growth Performance

Digestive Well-being

Challenging Period

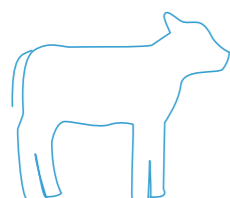
Overall Well-being



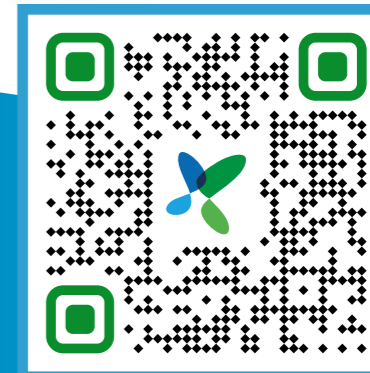
2 Complementary Feed Solutions for Calves

Kersia's COMPLEMENTARY FEED range supports dairy farmers to increase the WELL-BEING and the PERFORMANCE of their animals. Our product range offers complementary feed products that adapt to the animal's cycle and target key stages from the first hours of the calf's life and throughout the production cycle of the dairy cow: supporting the vitality and immunity of the calf from calving and during stress times, providing digestive and liver comfort and supporting growth.

Kersia offers a solution based program aimed at:



- Growth Performance
- Digestive Well-being
- Overall Well-being
- Challenging Period



For more information please have a look at our **complementary feed brochure** or contact us:

dairyfarm@kersia-group.com

www.kersia-group.com



3 Milking Hygiene

Milking hygiene is a set of practices and protocols implemented in dairy farming to maintain cleanliness and sanitation during the milking process to have a positive impact on:

- Milk Quality
- Cow Health
- Disease Prevention
- Consumer Trust
- Economic Benefits

In summary, milking hygiene is necessary to ensure the safety, quality, and productivity of dairy farming operations. It benefits both the welfare of the cows and the economic viability of the farm while meeting regulatory and consumer expectations for safe and high-quality dairy products.

THE COMPLETE PACKAGE TO BENEFIT YOUR MILKING HYGIENE

Kersia offers its experience to farmers and milking staff to support continual improvement in the quality of the milk.

This process dedicated to the quality of your production includes detergent and disinfection solutions that are ideally suited to your daily tasks and concerns.



PRE-MILKING Teat preparation for milking

- Drawing the first jets of milk assists a rapid detection of any mastitis.
- Stimulate teats to help the descent of the milk also allows faster milking and a better yield.
- Disinfecting and cleaning teats (product contact time at least 30 seconds), to avoid contamination of milk (bacteria, butyri, etc.).
- Ensure teats are well dried, clean and disinfected prior to connecting milking machine.

CLUSTER DISINFECTION Cross contamination prevention during milking

- Clusters disinfections between cows during milking significantly reduces the risk of cross contamination. (An infected cow can contaminate up to 6 cows after use. source: O'SHEA, Bull. Int. Dairy Fed 1987)
- Using gloves and regularly disinfecting the hands of the person milking during the milking process are also recommended. Hands present a high risk of contamination.



CLOTH & PARLOUR HYGIENE Contamination prevention between milking

- Disinfecting and cleaning cloths between milking is an essential step to avoid cross contamination between cows.
- Efficient cleaning and disinfection of the milking material (machine and milk tank) help to reduce the risk of udder infection and milk contamination.

POST-MILKING Teat hydration and disinfection

- Disinfecting teats immediately after milking is part of the program to reduce the risk of mastitis (clinical or sub-clinical).
- Mastitis can result from milking or from the environment the cow is exposed to after milking (the end of the canal remains open for a while after milking).
- The cosmetic effect of post-milking products is an important part of teat protection. It helps keep the teat in good condition. Healthy skin also helps protect against external risk factors (mechanical, climate, etc.) as well as bacteria.



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Pre-Milking

The high pathogens concentration is a clear risk of contamination of the milk amplify by a lack of hygiene prior to milking. Cleaning/disinfecting the udder/teats prior to milking is fast and avoids production losses associated with contamination problems.

Good hygiene prior to milking offers the following benefits:

- Reduction in milking time of between 10% and 20%
- Avoid contamination of milk
- Decrease of total bacterial count
- Contribute to the program of reduction of the risk of mastitis and other sanitary problems with the udder
- Increased milk production thanks to reduced milk retention due to suitable preparation of the udder.

Kersia products for hygiene prior to milking are designed to meet the requirements of farmers / food industry. They are efficient, simple to use and comply with regulatory requirements for hygiene and disinfection.

LSA® COMPLEX

The LSA® complex, a blend of L(+) Lactic and salicylic acid, achieves both effective disinfection and hydration without compromise. The combination of these two acids allows LSA® products to provide comprehensive and stable disinfection while being gentle on the skin, making them suitable for regular use on teats.

PRODUCTS BASED ON LSA® COMPLEX

PREFOAM +



Performant foam based on LSA® complex

PREFOAM + forms an active foam that provides an efficient teat preparation. PREFOAM + is appreciated for its adhesive property on the teats when applied, allowing to foam multiple cows before wiping the teats. Thanks to additional surfactants, maximum contact is ensured with the skin while keeping an easy removal action with a cloth or single-use paper.

Based on LSA® complex (L(+) Lactic acid and salicylic acid), PREFOAM + gives effective disinfection level to ensure a safe milking, making it ideal for pre-milking routine.



ADVANTAGES

- Very gentle effect on the teat skin
- Contains moisturizing agent, softening agent and surfactants
- Provides excellent coverage due to dense, homogeneous, and long-lasting foam
- Ensures good hygiene conditions before milking
- Easily removable with the wiping method
- Economical to use: only a small amount of product is required during application



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GLYCOLIC & LACTIC ACID BASED PRODUCTS

GLYCOLAC FOAM



Homogeneous and covering foaming solution for efficient disinfection

GLYCOLAC FOAM provides optimum coverage of the teat with a dense, homogeneous foam that facilitates teat preparation before milking, while ensuring a disinfectant action.

Efficacy is achieved thanks to the combination of 2 active ingredients: glycolic acid and L(+) lactic acid, well-known organic acids naturally present in living organisms.

In addition to its microbial effect, lactic brings humectant and softening capacity and the glycolic acid, an interesting exfoliating effect. The addition of powerful skin-conditioning agents (glycerine and aloe vera) with humectant and emollient properties, make GLYCOLAC FOAM the perfect ally to help wipe and prepare teat skin for milking.

ADVANTAGES

- Dense, covering and homogeneous foam for optimal teat preparation
- Quick disinfection action allowed by combination of 2 organic acids (glycolic and L(+) lactic acids)
- Formulated with skin conditioning agents: Aloe Vera, glycerine having humectant, emollient and hydrating properties
- Compatible with manual foaming cup or foaming automatons

SALY-WIPES XL



Pre-impregnated wipes based on LSA® complex

Pre-impregnated with a Kersia solution based on LSA® disinfectant complex (L(+) Lactic acid and salicylic acid), SALY-WIPES XL are easy to use and time saving for operators looking for rapidity in the preparation phase of the teats pre- milking. SALY-WIPES XL model are selected to allow a soft contact on the teat skin. The suitable size allows a good handling by covering the whole operator hand. The solution leaves a pleasant sensation on the skin.

ADVANTAGES

- Soft wipes for a gentle teat preparation and disinfection
- Easy to use
- Time saving: suitable for high milking rates
- Exempt of quaternary ammonium
- Size : 23 x 25 cm
- Packaging : 3 x 1 000



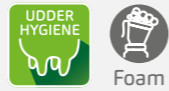
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* Dangerous. Comply with precautions for use.

NON DISINFECTANT PRODUCTS

LACTOCLEAN FC

Non-disinfectant foaming detergent solution to be diluted

The non-disinfectant formula LACTOCLEAN FC adapts to the dirtiness of the teats before milking: 2 possible dilutions (10 or 20% v/v) depending on the organic matter level. The high concentration of surfactants provides ideal detergency on the teat before milking thanks to an optimised mixture of anionic and non-ionic surfactants. The presence of urea in LACTOCLEAN FC provides good moisturising on the teats after regular application.



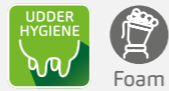
ADVANTAGES

- No disinfection
- Dilutable product: concentrated solution for economical use
- Good foaming properties
- Effective teat cleaning
- Presence of urea as moisturizer
- Use with manual or automatic foaming cup

PREMOUSS NET

Ready-to-use non disinfectant foaming solution

PREMOUSS NET has all the advantages of a foaming product thanks to its strong cleaning power and its good adhesion for optimal contact with organic matter. The absence of disinfection allows its use in areas restricted by specific specifications.



ADVANTAGES

- No disinfection
- Ready-to-use product
- High cleaning power
- Leaves the teat soft
- Good adhesion to the teat
- Use with manual or automatic foaming cup



KERSIA FOAMER SYSTEM

Automatic foaming system for ready-to-use products



- Automatic foaming system for teats cleaning and disinfection before milking.
- Excellent quality of foam
- Product and air mixing ensured by an adjustable generator which ensures a constant and homogeneous flow density during the application phase.
- Possibility to adjust the density of the foam, by adjusting the proportion of product quantity/quantity of air injected
- Long descent deployment (up to 3 metres)
- Compressor supply only
- Constant pressure up to 4 bar minimum; Working pressure up to 0.5 bar; Compressor capacity: minimum 25 litres
- Do not use with chlorine dioxide based products.

- Consisting of: power supply unit, 25 metre coil of 2 heat-welded tubes (red tube: product - black tube: air), 1 downpipe with shape memory (extension of approx. 3 metres), 1 rigid support for the downpipe, strainer, fittings and T-pieces, collars, screws and plugs for wall mounting
- Advice for use: After installation and before using the automat with product, rinse the complete circuit of the automatic system with cold water.

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Water Hygiene

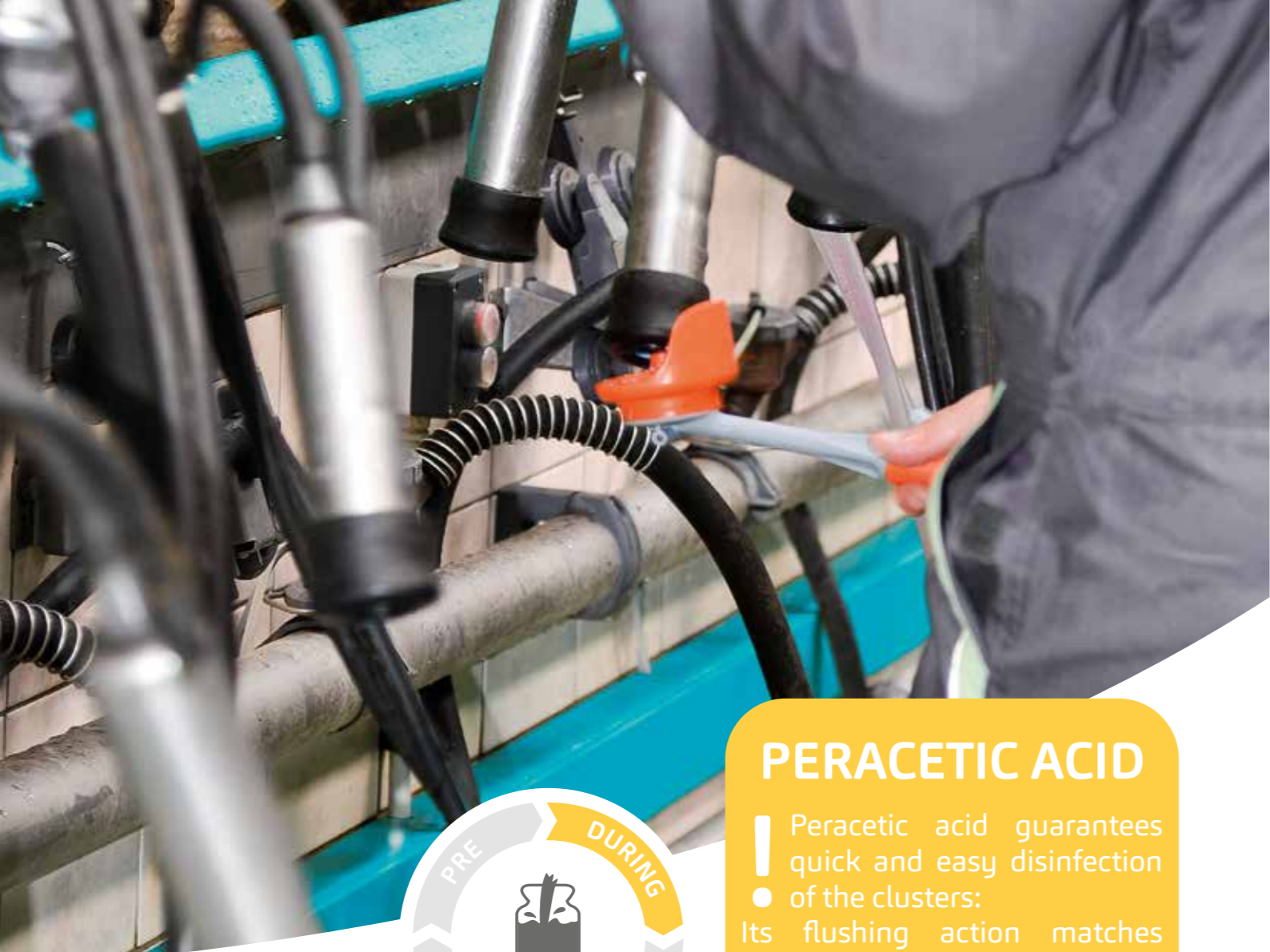
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Environmental Hygiene

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PERACETIC ACID

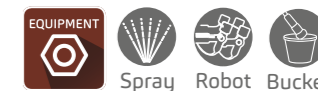
! Peracetic acid guarantees quick and easy disinfection of the clusters:
 • Its flushing action matches with milking cadences and its volatility after disinfection action reduces milk residues risk.

Cluster Hygiene

To guarantee an optimum milk quality, the disinfection of clusters between each cow is beneficial, as well as regular disinfection of the farmers' hands so as to minimize cross contaminations during milking. Implementing these simple and regular methods, particularly through the use of automation, can provide excellent results and secure the milk quality all year around, leading to a better remuneration for the milk for the farm.

PERACETIC ACID BASED PRODUCTS

ANTI-GERM ACTIFLASH



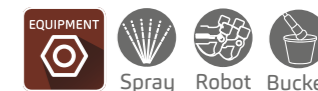
Effective disinfection of the milking liner and brushes of the milking robot

ANTI-GERM ACTIFLASH helps to avoid the risk of cross-contamination during milking. By disinfecting the liner after milking an infected cow in a clinical or sub-clinical mastitis situation, the farmer can help to drastically reduce the risk of transmission between two cows. ANTI-GERM ACTIFLASH contains a mixture of peracetic acid (2,5 %) and hydrogen peroxide (15,4 %) which gives it a particularly rapid disinfectant effect. This makes it ideal for use during milking without disrupting the milking rhythm. ACTIFLASH is also ideal for disinfecting milking robot brushes.

ADVANTAGES

- Flash disinfection of liners
- Significantly reduces the risk of cross-contamination
- Contains a peroxyacid: 2.5 % peracetic acid and 15.4 % hydrogen peroxide
- Recommended for use in automatic sprayers or milking robots
- Product to be diluted with cold water
- No rinsing after automatic dilution

PERFO GRIF



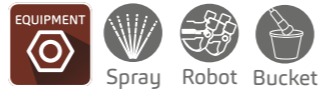
Effective disinfection of the milking liner and brushes of the milking robot

PERFO GRIF helps to avoid the risk of cross-contamination during milking. By disinfecting the liner after milking an infected cow in a clinical or sub-clinical mastitis situation, the farmer can help to drastically reduce the risk of transmission between two cows. PERFO GRIF contains a mixture of peracetic acid (5 %) and hydrogen peroxide (14,8 %) which gives it a particularly rapid disinfectant effect. This makes it ideal for use during milking without disrupting the milking rhythm. PERFO GRIF is also ideal for disinfecting milking robot brushes.

ADVANTAGES

- Flash disinfection of liners
- Significantly reduces the risk of cross-contamination
- Contains a peroxyacid: 5 % peracetic acid and 14.8 % hydrogen peroxide
- Recommended for use in automatic sprayers or milking robots
- Product to be diluted with cold water
- No rinsing after automatic dilution

PERFO GRIF +



Effective disinfection of the milking liner and brushes of the milking robot

PERFO GRIF + helps to avoid the risk of cross-contamination during milking. By disinfecting the liner after milking an infected cow in a clinical or sub-clinical mastitis situation, the farmer can help to drastically reduce the risk of transmission between two cows. PERFO GRIF + contains a mixture of peracetic acid (5 %) and hydrogen peroxide (26,2 %) which gives it a particularly rapid disinfectant effect. The higher concentration in hydrogen peroxide boosts the action of peracetic acid and reinforces the action on micro-wetting. This makes it ideal for use during milking without disrupting the milking rhythm. PERFO GRIF + is also ideal for disinfecting milking robot brushes.

ADVANTAGES

- Flash disinfection of liners
- Significantly reduces the risk of cross-contamination
- Contains a peroxyacid: 5 % peracetic acid and 26.2 % hydrogen peroxide
- Recommended for use in automatic sprayers or milking robots
- Product to be diluted with cold water
- No rinsing after automatic dilution



AUTOMATONS - CLUSTERS DISINFECTION

PERFO SYSTEM

Automatic spraying system for cluster disinfection between 2 cows during milking.



- Complete system supplied with 3 spray guns
- Operates completely on the vacuum of the milking machine, without the use of electricity.
- Automatic start and stop, coupled with the milking system
- When the vacuum is switched off, the system is depressurised by means of a pressure relief valve.
- Pistol with receptacle adapted to the shape of the liner and retractable spiral with position memory
- 20 metres of supply line supplied
- Requires preparation of the product upstream (dilution of peracetic acid with water)
- Upgradeable: can be extended with expansion kits to fit all milking facilities and herd sizes
- Easy installation and low maintenance requirements
- Consisting of a housing, 3 retractable spirals with position memory, 3 trigger guns with milking liner receptacle, PVC hose, collars, fixing fittings, screws and dowels for fastening the housing
- Advice for use: After installation and before using the device with product, rinse the complete circuit of the automatic system with cold water.



Post-Milking

After milking, germs can enter the teat canals, which remain open for at least half an hour, and this poses a risk of udder infection. This type of infection results in significant financial losses, which could be avoided, every year. To prevent this and ensure optimal production, Kersia products deliver improvements in the two following areas:

- The disinfection of the teats
- The condition of the teat thanks to their hydratant package

A large range of actives substances in Kersia portfolio allows to answer to farms' needs depending on the milk results historic, environment conditions, season, and type of application (dip, spray). The efficiency of all our products is tested in laboratories in line with applicable regulations.

PRODUCTS BASED ON LSA®



VIR FILM



Thick disinfectant product based on LSA® complex

Thanks to its presence for a few hours after application, VIR FILM provides perfect coverage of the teat and protects the sphincter after milking. The moisturizing agents such as glycerine and propylene glycol and derivative of lanolin as emollient, maintain the teat skin supple. Aloe vera having hydrating and emollient properties is also added to the formulation. LSA® complex (L(+) Lactic acid and salicylic acid) gives VIR FILM a rapid and powerful disinfectant effect.

ADVANTAGES

- Powerful hydratant components combine to disinfection
- Combination of skin conditioning agents : Aloe Vera, propylene glycol, lanolin
- Covering, filming and non-dripping product
- Pleasant mint smell (natural Mentha arvensis extract)
- Green colour



VIR FILM +



Green marking thick disinfectant product based on LSA® complex

Thanks to its presence for a few hours after application, VIR FILM + provides perfect coverage of the teat and protects the sphincter after milking. The moisturizing agents such as glycerine and propylene glycol and derivative of lanolin as emollient, maintain the teat skin supple. Aloe vera having hydrating and emollient properties is also added to the formulation. LSA® complex (L(+) Lactic acid and salicylic acid) gives VIR FILM + a rapid and powerful disinfectant effect. Its highly visible green colour is suitable for big herds or operators wishing to have a quick overview on the product and its application.

ADVANTAGES

- Enhanced green colour for an improved visibility
- Powerful hydratant components combine to disinfection
- Combination of skin conditioning agents : Aloe Vera, propylene glycol, lanolin
- Covering, filming and non-dripping product
- Pleasant mint smell (natural Mentha arvensis extract)

VIR SPRAY

Post-milking disinfectant based on LSA® complex

VIR SPRAY used as a spray post-milking, offers thanks to the LSA® complex (L(+) Lactic acid and salicylic acid), the standard level of efficiency required for a post milking application. A minimum moisturising agent level with hydratant properties, gives to VIR SPRAY a standard profile.



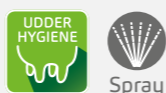
ADVANTAGES

- Post-milking application only
- Contains propylene glycol having moisturising properties
- Can be used in automatic sprayer or milking robot
- Light blue colour

VIR CONCENTRATE

Concentrated LSA based formulation

VIR CONCENTRATE is a concentrated solution which, after dilution in the farm, provide a ready-to-use solution. Ideal for big herds, VIR CONCENTRATE bases its disinfection action from the LSA® complex (L(+) Lactic acid and salicylic acid). A minimum moisturising agent level with hydratant properties, gives to VIR CONCENTRATE a standard profile.



ADVANTAGES

- Concentrated solution (diltion rate at 20% v/v - 1 product: 4 water)
- Possible double application : pre and post-milking application
- Contains propylene glycol having moisturising properties
- Can be used in automatic spraying system or milking robot
- Light blue colour



PRODUCTS BASED ON CHLORINE DIOXIDE

POWER BLUE MIX



Blue powerful formula based on high concentration of chlorine dioxide

POWER BLUE MIX is a thick dipping solution that forms a film on the teat based on chlorine dioxide and L(+) Lactic acid. Mixing POWER BLUE MIX ACTIV' and POWER BLUE MIX BASE gives chlorine dioxide instantaneously available, in high concentration, leading to a strong and rapid disinfection allowing to cover a large spectrum. In addition to its strong power of disinfection, POWER BLUE MIX is balanced in term of skin conditioning, thanks to its many moisturising and softening components, positioning it as a leader in two-component teat dip segment. Once mixed, the product remains active for 2 milkings (tests done until 30 hours after mixing). The intense blue colour remains on the teat for a few hours and is easily cleaned at the next milking.



ADVANTAGES

- Chlorine dioxide and L(+) Lactic acid disinfectant power (2 products : POWER BLUE MIX activ' and POWER BLUE MIX base to mix in equal proportions (volume/volume)
- Gentle on the teat skin despite a high concentration of chlorine dioxide
- Contains : humectant, emollient, softener and moisturizer agents
- Large spectrum : effective for 2 milkings against bacteria, yeast, viruses and prototheca
- Recognisable blue colour, strong visibility on the teats
- Controlled consumption



GLYCOLIC & LACTIC ACID BASED PRODUCTS

GOLDEN MIX



Broad spectrum yellow chlorine dioxide thick dip

GOLDEN MIX is a thick, film-forming, chlorine dioxide and L(+) Lactic acid-based dip solution. It provides a protection for the skin and protects it from drying out. Once mixed the GOLDEN MIX activ' and GOLDEN MIX base in equal proportions (volume/volume) to form instantaneous chlorine dioxide. Thanks to its significant concentration on this powerful active substance, GOLDEN MIX offers a reinforce level of protection during complicated period. GOLDEN MIX remains active for 2 milkings (Efficacy tests done until 30 hours) after mixing. Its light orange colour satisfies the operator looking for medium colouration of the teats after application.

ADVANTAGES

- Chlorine dioxide and L(+) Lactic acid disinfectant power (2 products GOLDEN MIX activ' and GOLDEN MIX base to mix in equal proportions (volume/volume))
- Good skin conditioning properties (contains : film-forming agent, emollients, softeners and moisturiser) in addition to a significant concentration of chlorine dioxide
- Large spectrum: effective for 2 milkings against bacteria, yeast, viruses
- Yellow-orange colour

GLYCOLAC FILM



Barrier teat dip based on organic acids combination

Glycolac Film protects teats between two milkings thanks to a long-term barrier film staying until the next milking while letting the skin breath. The barrier film is easily removed before the next milking thanks to an adapted cleaning method.

Glycolac Film is based on 2 organic acids, glycolic acid and L(+) Lactic acid to ensure disinfectant action. Glycolac Film is reinforced with strong skin conditioning agents with humectant properties (glycerine, Aloe Vera, and propylene glycol), deep layers hydration properties (glycerine, Aloe Vera), softening properties (glycerine, propylene glycol) and emollient properties (glycerine, Aloe Vera, lanolin derivative).

Glycolac Film stays on the teat for long-lasting action and protection.

ADVANTAGES

- Long-term barrier filming until the next milking
- Viscosity adapted to barrier film action
- Easy cleaning of the teats at next milking
- Formulated with skin conditioning agents : Aloe Vera, glycerine, propylene glycol and lanolin derivative
- Blue-green dye for good visibility – does not stain the udder

DIP BLUE LT



Long lasting chlorine dioxide solution

DIP BLUE LT is a long-lasting product based on chlorine dioxide and L(+) Lactic acid obtained by mixing in equal proportions (volume/volume) DIP BLUE LT Activ' and DIP BLUE LT Base which can be used for 8 days after mixing. This will satisfy the big herd or farms wishing to prepare once a week. Disinfectant properties are proved 8 days after mixing. DIP BLUE LT integrates moisturising and softener agents efficient even after 8 days of preparation.

ADVANTAGES

- 8 days of use after mixing (2 products DIP BLUE LT Activ' and DIP BLUE LT Base to mix in equal proportions (volume/volume))
- Ideal for large herds
- Light blue colour on the teats

GLYCOLAC SPRAY



Teat spray based on organic acids combination

Based on 2 organic acids combination to ensure disinfection, Glycolic and L(+) Lactic acids, GLYCOLAC SPRAY is easy sprayable solution to protect the teats after milking.

In addition to its microbial effect, lactic brings humectant and softening capacity and the glycolic acid, an interesting exfoliating effect. The exfoliating effect helps in the epidermal renewal.

GLYCOLAC SPRAY is used by manual spraying or automatic spraying (automatic spraying system or automatic milking system) thanks to its adapted viscosity.

ADVANTAGES

- Disinfectant adapted to manual or automatic spraying systems and milking robots
- Formulated with skin conditioning agents : Aloe Vera, glycerine having humectant, emollient and hydrating properties
- Light blue colour

PRODUCTS BASED ON LACTIC ACID

FILMADINE



Dip based on natural molecules with high hydratant properties

FILMADINE contains many selected ingredients (glycerine, allantoin, propylene glycol) which prevent the teats from drying out. In addition, the high concentration of lactic acid (8% w/w), well known natural molecule, enhances its natural conditioner properties. Combine together, all those ingredients make FILMADINE the ideal product for dairy cows with challenged teat skin. FILMADINE does not drip thanks to its film effect. Very colourful on the teats, FILMADINE is highly visible thanks to its strong orange colour.

ADVANTAGES

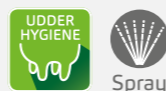
- Powerful protective properties for challenged and solicited teat or for long term skin condition
- High lactic acid concentration
- Film effect
- Ideal for herds with under-controlled results
- Pleasant scent (citronella)
- Orange colour

NATIDINE

High acid lactic concentration spray

With its viscosity adapted to spray application, NATIDINE used post-milking, is a combination of L(+) Lactic acid and anionic surfactants for efficient skin contact.

Glycerine having humectant properties, amino acid and fatty acid derivatives having emollient properties, complete the 8% w/w lactic acid contained in the product to be suitable for robot application and milking parlour application. NATIDINE has also a pleasant scent thanks to a lemongrass fragrance.



ADVANTAGES

- High L(+) Lactic acid concentration: hydratant and softening
- Humectant: glycerine
- Skin-softening agent

PRODUCTS BASED ON CHLORHEXIDINE & LACTIC ACID

NOVODIP



Dip with the combined strength of L(+) Lactic acid and chlorhexidine

NOVODIP teat dip is a combination of L(+) Lactic acid and chlorhexidine for a combine protection bringing efficiency post milking. Containing a mint green colour, complemented by a peppermint oil fragrance for a visibility and a pleasant smell. A dedicated blend of mucoadhesive polymers ensures the film formation on the teat after the application for a satisfactory adherence to the teat skin. With an enhanced levels of emollients and skin conditioning agents, NOVODIP maintains teat condition.

ADVANTAGES

- L(+) Lactic acid and chlorhexidine based
- Peppermint oil fragrance
- Mint green colour



CALF

Environmental Hygiene

1

Complementary Feed

2



COW

Milking Hygiene

3

POST

Animal Care

4

Water Hygiene

5

Environmental Hygiene

6

Complementary Feed

7

PRODUCTS BASED ON IODINE

Dip-io 5000



5000 ppm thick iodine-based dipping solution

Dip-io 5000 is a thick solution containing a high concentration of complexed iodine that rapidly releases 5000 ppm free iodine. Dip-io 5000 is in addition enriched with humectant, softening and moisturising substances to keep the teats supple. Rheological properties of Dip-io 5000 provide a good holding to the teats when applied as a dip post-milking, without dripping, hence without waste of product. With a European Biocidal authorisation, Dip-io 5000 justifies a large spectrum of efficiency including additional virucidal test (i.e.: ECBO, non enveloped virus and Vaccinia Orthopoxvirus, enveloped virus).

ADVANTAGES

- Powerful disinfection (0,5 % w/w of iodine = 5 000 ppm)
- Thick dipping solution
- Good protective properties thanks to a protective film
- Enriched with softening, emollient & moisturising substances
- Rheological properties providing an outstanding holding to the teats, without dripping
- Does not dry out the skin
- Large spectrum: bactericidal, yeasticidal and virucidal disinfectant
- EU authorisation n° EU-0018397-0006 1-4

Dip-io 2500



2500 ppm iodine-based dipping solution

Dip-io 2500 is a thick solution containing an efficient concentration of complexed iodine that rapidly releases 2500 ppm free iodine. Dip-io 2500 is in addition enriched with humectant, softening and moisturising substances to keep the teats supple. Rheological properties of Dip-io 2500 provide a good holding to the teats when applied as a dip post-milking, without dripping, hence without waste of product. Dip-io 2500 get an European Biocidal authorisation.

ADVANTAGES

- Efficient disinfection (0,25 % w/w of iodine = 2 500 ppm)
- Thick dipping solution
- Good protective properties thanks to a protective film
- Enriched with softening, emollient & moisturising
- Rheological properties providing an outstanding holding to the teats, without dripping
- Does not dry out the skin
- Bactericidal, yeasticidal disinfectant
- EU authorisation n° EU-0018397-0001 1-1

Iodine Products

! Iodine products account for a large market share. However, not all iodine products have the same disinfecting effect, because only the freely available iodine portion has a disinfecting effect. In addition, other ingredients are required to achieve a caring effect!

All of our iodine products are registered as biocides and comply with the latest legislation.



Liq-io 5500



5500 ppm liquid iodine-based spray solution

Liq-io 5500 is a liquid solution containing a high concentration of complexed iodine that rapidly releases free iodine. Liq-io 5500 is in addition enriched with humectant, softening and moisturising substances to keep the teats supple.

Rheological properties of Liq-io 5500 are totally adapted to a spray application.

With a European Biocidal authorisation, Liq-io 5500 justifies a large spectrum of efficiency including additional virucidal test (i.e.: ECBO, non enveloped virus and Vaccinia Orthopoxvirus, enveloped virus).

ADVANTAGES

- Powerful disinfection (0,5 % w/w of iodine = 5 000 ppm)
- Large spectrum : bactericidal, yeasticidal and virucidal disinfectant
- Liquid spray solution
- Skin properties ensuring not dry out the skin
- Enriched with softening, emollient, and moisturising substances
- EU authorisation n° EU-0018397-0007 1-5

Liq-io 2500



2500 ppm liquid iodine-based spray solution

Liq-io 2500 is a liquid solution containing a high concentration of complexed iodine that rapidly releases free iodine. Liq-io 2500 is in addition enriched with humectant, softening and moisturising substances to keep the teats supple.

Rheological properties of Liq-io 2500 are totally adapted to a spray application.

Liq-io 2500 get an European Biocidal authorisation.

ADVANTAGES

- Efficient disinfection (0,25 % w/w of iodine = 2 500 ppm): Bactericidal, yeasticidal disinfectant
- Liquid spray solution
- Skin properties ensuring not dry out the skin
- Enriched with softening, emollient, and moisturising substances
- EU authorisation n° EU-0018397-0003 1-2

Liq-io concentrate



Concentrated iodine based formulation

Liq-io concentrate is a liquid solution containing a high concentration of complexed iodine that rapidly releases free iodine : 25 000 ppm = 2,5 % w/w iodine (to dilute at 10% v/v or 20% v/v according to the claim objective).

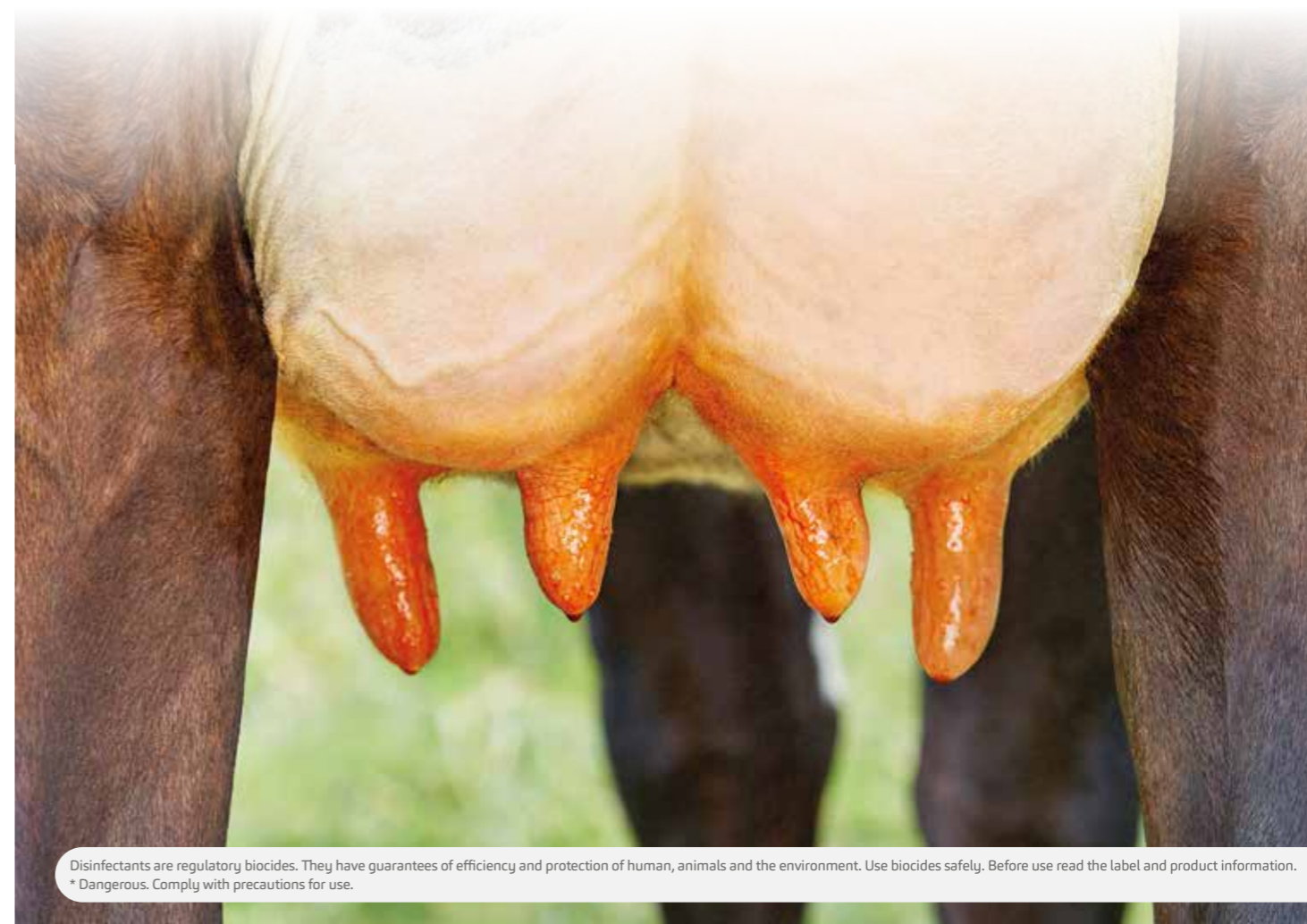
Concentration of use adaptable according to the farm conditions and results, a 10% v/v dilution will bring bactericidal and yeasticidal activities and a 20% v/v dilution will ensure the protection by getting additional virucidal activity (claims validated by an European Biocidal authorisation).

Liq-io concentrate is in addition enriched with humectant, softening and moisturising substances to keep the teats supple.

Rheological properties of Liq-io concentrate are totally adapted to a spray application.

ADVANTAGES

- Concentrated solution bringing adaptability in use (2 levels of dilution 10% v/v - 1 product : 9 water or 20% v/v - 1 product : 4 water)
- To be diluted
- Liquid spray solution
- Skin properties ensuring not dry out the skin
- Enriched with softening, emollient, and moisturizing substances
- Large spectrum : bactericidal, yeasticidal at 10% v/v dilution rate and bactericidal, yeasticidal and virucidal disinfectant at 20% v/v dilution rate
- EU authorisation n° of EU-0018397-0005 1-3





PRE & POST-Milking

Using a single product designed to work optimally for both pre and post-milking application and ensuring that it effectively reduces bacteria and promotes teat skin health at all stages, can have certain advantages in a dairy farming operation.

- **Simplicity:** Using a single product simplifies the milking process. There's no need to switch between different disinfectants, which can save time and reduce the chances of errors.
- **Consistency:** Using the same product for both pre and post-milking ensures a consistent disinfection protocol, minimizing the risk of human error in choosing and applying different products.
- **Ease of Use:** Farm workers become familiar with one product, which simplifies training and ensures proper application.

PRODUCT BASED ON LSA®

QUICK SPRAY



Double use disinfectant spray based on LSA® complex

QUICK SPRAY is the double-use product covering pre-milking and post-milking applications. For pre-milking application, the surfactants in QUICK SPRAY facilitate the efficient cleaning action combined with disinfection action. For post-milking application, the combination of 3 different hydrating agents added to L(+) Lactic acid contained in LSA complex bring excellent skin support.

QUICK SPRAY offers a large spectrum of efficiency including an additional Vaccinia Orthopoxvirus test (enveloped virus).

QUICK SPRAY is the perfect balance between disinfection and components bringing premium skin support.

ADVANTAGES

- One product suitable for pre and post milking use
- Rapid application
- Gentle teat preparation combined with quick and complete disinfection for pre-milking
- Enhanced with hydrating substances (glycerine, allantoin and propylene glycol) for a gentle effect on the teat skin
- Can also be used in manual spraying, automatic sprayers including milking robots
- Light yellow colour

GLYCOLIC & LACTIC ACID BASED PRODUCTS

GLYCOLAC DUO



Double use disinfectant based on organic acids combination

GLYCOLAC DUO is the adaptable product for double used on a daily routine: whatever your milking procedure, its specific formulation will cover foam or spray application and allow pre and post application.

GLYCOLAC DUO is based on 2 organic acids, glycolic acid and L(+) Lactic acid to ensure disinfectant action. In addition to its microbial effect, lactic has humectant and softening capacity and the glycolic acid, an interesting exfoliating effect. The addition of strong skin conditioning agents (glycerine and aloe vera) with humectant and emollient properties, reinforce GLYCOLAC DUO formula.

GLYCOLAC DUO rheology gives it flexibility to be used with manual or automatic applicators in milking parlour (foam and spray) and milking robots.

ADVANTAGES

- One fit all solution: dual application (foam & spray) and double use (pre & post milking)
- Formulated with skin conditioning agents: Aloe Vera, glycerine having humectant, emollient and hydrating properties
- Light blue colour
- Adapted with manual or automatic applicators in milking parlour (foam and spray) and milking robots



Environmental Hygiene

1

Complementary Feed

2



COW

Milking Hygiene

3

PRE

POST

Animal Care

4

Water Hygiene

5

Environmental Hygiene

6

Complementary Feed

7

PRODUCT BASED ON CHLORINE DIOXIDE

G-Mix Power



Double use chlorine dioxide solution for adaptability

Based on 2 products to mix in equal proportions (volume/volume of G-Mix Power activ' and G-Mix Power base), G-Mix Power gives chlorine dioxide instantaneously available, in high concentration, leading to a strong and rapid disinfection with large spectrum coverage. The application is adaptable to the hygiene routine, whatever it is used in foam or spray for simplicity and rapidity. Depending on the herd situation, the usage in pre-milking and post-milking offers the opportunity to have a double use product to simplify the hygiene method. G-Mix Power contains humectant and emollient molecules and softening molecules.

ADVANTAGES

- Chlorine dioxide and L(+) Lactic acid disinfectant power (2 products : G-Mix Power activ' and G-Mix Power base to mix in equal proportions (volume/volume)
- Effective for 30 hours after mixing against bacteria, yeast, viruses (Vaccinia Orthopoxvirus (enveloped virus) and ECBO (non enveloped virus) and prototheca
- Rapid colour change on mixing indicates a homogenous and ready-to-use mixture
- Optimised teat preparation when used as a foam
- Rapid solution when used as a spray
- Moisturizing and softening agents



CHLORINE DIOXIDE...

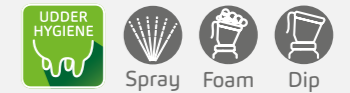
... based teat dips offer professional users high reliability and are ideal even in difficult conditions (environmental conditions, changing milking personnel, etc.).

PRODUCTS BASED ON CHLORHEXIDINE & LACTIC ACID

NOVODUAL

Combined strength of L(+) Lactic acid and chlorhexidine

Formulated for pre and post milking teat disinfection by spray, NOVODUAL is a double use solution. With its low viscosity, NOVODUAL can be dipped, sprayed, or foamed. This highly visible, ready to use product aimed at ensuring both ease of convenience for product application whilst still allowing complete teat coverage. The combination of L(+) Lactic acid and chlorhexidine enhances the disinfectant action of NOVODUAL. By incorporating sufficient levels of emollients and skin conditioning agents, NOVODUAL justifies a balanced profile between effective disinfection while promoting skin health.



ADVANTAGES

- Lactic acid and chlorhexidine based
- One product suitable for pre and post milking use
- Spray, foam (or dip) applications

AUTOMATIC TEAT SPRAYING MACHINE

QUICK SPRAY SYSTEM

Automatic teat spraying system for pre- and post-milking



- Complete system with 3 spray guns
- Operates entirely on vacuum from the milking machine, without using electricity
- Automatic start and stop, coupled to the milking system
- When the vacuum is cut off, the system is depressurized by a relief valve
- Gun on retractable spiral hose with position memory
- 20 meters of supply line included
- Scalable: can be expanded with extension kits to fit all milking facilities and herd sizes
- Easy installation and low maintenance requirements
- Composed of a box, 3 retractable spirals with position memory, 3 trigger guns, flexible PVC hose, collars, fixing fittings, screws and plugs for fixing the box



AMINE BASED CLOTH DISINFECTION

DERMISAN +



Disinfection of cleaning cloths for preparation of the teats before milking

DERMISAN + ensures optimal disinfection between milkings of the cloths and preserves the quality of the reusable cloths over the long term (cotton or microfiber re-usable cloths). This means that the cloths remain pleasant to use and have an extra cleaning efficiency when cleaning the teats before milking. Always use one cloth per cow. Proper pre-cleaning of the udders and teats stimulates and encourages milk flow.

ADVANTAGES

- Disinfection of all type of cloths between milkings based on amine
- Bactericidal properties
- Preparation of the teats before milking
- Preserves the long term softness of the cloths
- Pleasant peach scent
- Very economical solution : 0,5 % dilution rate

CHLORHEXIDINE BASED CLOTH DISINFECTION

HypraMaxX



Disinfection of cleaning cloths for preparation of the teats before milking

Thanks to its bactericidal activity on *Pseudomonas aeruginosa*, *Proteus hauseri*, *Staphylococcus aureus*, *Enterococcus hirae* and yeasticidal on *Candida albicans* after 5 hours contact time, HypraMaxX is suitable for a performant disinfection of all type of wipes used to clean the teats pre-milking (cotton or microfiber re-usable cloths).

ADVANTAGES

- Cleaning and disinfection of all type of cloths between milkings based on chlorhexidine
- Bactericidal and yeasticidal properties
- Cleaning of the teat pre-milking
- Provides powerful cleaning power to cloths
- Preserves the long term softness of the cloths
- Pleasant lemon perfume
- Economical solution : 1 % dilution rate

4 Cloth & Parlour Hygiene

As materials and equipment related to milking could be a real source of contamination, Kersia offers a wide range of products for cleaning and disinfection of milking systems and equipment and for the disinfection of cloths.

Kersia milking equipment cleaners protect equipment from residues and ensure that milking equipment, regardless of the water quality, are perfectly cleaned and ready for any further use. By proposing a full range with specific interest according to the formulation, Kersia pays attention to the economic and ecological aspects to answer specific demands as well as material compatibility and bacteriologically flawless results.

PERACETIC IN SITU BASED CLOTH DISINFECTION



HYPRA'ZUR



Powder for deep cleaning and disinfection of wipes

HYPRA'ZUR is a powder with effervescent properties that enhances cleaning efficiency through surfactants and provides deep disinfection of cloths. Releasing active oxygen, the formula is based on the active substance peracetic acid generated in situ, also acting as a bleaching agent which offers a better visual result when used with classic white cloths. HYPRA'ZUR can be used for soaking cloths or in the washing machine. Peracetic acid generated in situ, releases active oxygen and gives to HYPRA'ZUR a very large spectrum, including virucidal activity.

ADVANTAGES

- Powerful disinfectant based on peracetic acid generated in situ
- Bactericidal, yeasticidal and virucidal properties
- Recommended for microfibre, compatible with all cloths type
- Low consumption
- Bleaching agent
- Surfactants
- Can be used by soaking the cloths in a bucket or in a washing machine

PARLOUR HYGIENE - CHLORINATED ALKALINE BASED



HYPROCLOLOR ED



Performant caustic soda chlorinated based disinfectant

HYPROCLOLOR ED is a high quality alkaline based on sodium hydroxide and sodium hypochlorite for a double action : cleaning and disinfecting the milking machine. In addition, this alkaline formula has powerful degreasing, oxidising and descaling properties to complete the action.

ADVANTAGES

- High active chlorine concentration for a powerful disinfection
- High NaOH concentration granting a high alkalinity
- Reinforced in surfactant for a deep action
- Additional degreasing, oxidising action, and descaling agent
- Increased stability
- Non foaming



TOP CL EXTRA



Potash chlorinated disinfectant

TOP CL EXTRA is a sodium hypochlorite-based disinfectant with a detergent action enhanced by potash contained in the formula. Oxidant, Degreasing, descaling agent strengthen this formulation to lead to an efficient cleaning and disinfection of the milking installation.

ADVANTAGES

- Active chlorine disinfectant based
- High KOH concentration
- Non foaming

PARLOUR HYGIENE - ACID BASED



HYPRACID



High phosphoric acid concentration combined to sulfuric acid

HYPRACID is an acidic milking equipment cleaner based high-quality ingredient : a high content of phosphoric acid strengthened with sulfuric acid. Phosphoric acid provides a better protection of the rubber or silicone parts and also is really effective on removing organic residues such as fat and protein enhanced by efficient surfactant. In addition, his descaling action is ideal for the removal of mineral deposits in the milking plant.

ADVANTAGES

- High phosphoric acid content supported by sulfuric acid
- Efficient descaling agent
- High cleaning action thanks to dedicated surfactants
- Non foaming

MILKSTONE REMOVER

Very high phosphoric acid concentration

MILKSTONE REMOVER is a phosphoric based acid used in both pipeline machines and bucket plants. Effective in the removal and prevention of milkstone and water deposits, MILKSTONE REMOVER can be used in hot or cold solutions and removes iron and rust stain on the surface of the milking equipment.



ADVANTAGES

- Only phosphoric based acid
- High descaling properties
- Hot or cold solution

ROBOCID

Only phosphoric acid for milking robot positioning

ROBOCID is an acidic detergent specially designed for the boiling water system thanks to cleaning and descaling action based on high concentration of phosphoric acid. Compatible with automatic milking systems and cooling tanks, the choose of phosphoric acid is the one that will be more respectful for the equipment because of its reduced corrosive action when used at usage dilution. Non-foaming, ROBOCID will be easy to rinse over the entire recommended temperature range (40 - 95 °C).



ADVANTAGES

- Robot-compatible : only phosphoric acid to protect the milking robot
- High descaling properties
- Rich in surfactant
- Compatible with boiling water system
- Easy to rinse
- Non-foaming

PARLOUR HYGIENE - POWDER SOLUTIONS

TOP CL-P

Chlorinated alkaline powder

TOP CL-P powder contains cleaning agents and a disinfecting agent (active chlorine released from sodium dichloroisocyanurate dihydrate). For daily or weekly contact cleaning with TOP ACID-P powder of tubular milking systems, milking machines, milk cooling troughs, milk tanks, milk harnesses etc. Very good rinsing behaviour.



ADVANTAGES

- Chlorinated alkaline powder
- Suitable for all water hardnesses
- Very good cleaning properties
- Non-foaming

TOP QF-P

Chlorine-free and QAV-free alkaline cleaning and disinfecting agent

TOP QF-P disinfectant powder answers to specific demands thanks to its chlorine-free or QAV-free status. Nevertheless disinfectant, TOP QF-P bases its biocidal action on N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine. For daily or weekly contact cleaning with TOP ACID-P powder of pipe milking systems, milking machines, milk cooling troughs, milk tanks, milk harnesses, etc. Very good rinsing behaviour.



ADVANTAGES

- Alkaline chlorine-free powder
- Very strong fat and protein dissolving
- Suitable for all water hardnesses
- Excellent emulsifying capacity
- Non-foaming

TOP ACID-P

Acidic powder detergent

TOP ACID-P is used for cleaning and descaling milking systems and milk tanks. As an optimised acid, it does not foam and is not corrosive to materials normally used in milking systems.



ADVANTAGES

- Acid powder
- Suitable for all water hardnesses
- Non-foaming
- Stable at all temperatures, can be stored for a long time



Disinfectants are regulatory biocides. They have guarantees of efficiency and protection of human, animals and the environment. Use biocides safely. Before use read the label and product information.
* Dangerous. Comply with precautions for use.



Environmental Hygiene

1

Complementary Feed

2



Milking Hygiene

3

BETWEEN

Animal Care

4

Water Hygiene

5

Environmental Hygiene

6

Complementary Feed

7

FOOD SAFETY STARTS ON THE FARM

Kersia as a long-standing dairy farmer partner and as an innovation driven company is committed to providing targeted solutions to fulfil the requirements of the modern dairy farm business. Including meeting the demands placed on farmers by milk processors and the sector alike, by limiting potentially harmful residuals, for a food safe world!

MILK PRODUCTION RESIDUES

When cleaning and disinfecting the last rinsing phase is critical to ensure the reduction of residues that could remain in the milking parlour and the bulk milk tank. Chlorine, widely used for milking machine cleaning, can be a source of residues due to insufficient rinsing. The use of a chlorine-free cleaning program avoids the formation of these 2 sub-products:

TCM: With traditional chlorine wash programmes, chlorine mixes with the organic substances in milk and TCM's can be formed. When such milk is processed, the TCM's combine with the fatty phase resulting in products rich in fats, such as butter and milk powder, are facing high risk of becoming contaminated.

Kersia's priority is to support the method of evolution in milk production. Octaklean and Octacid One program for the milking parlour and bulk milk tank meets the chlorine-free requirements and provides significant added values:



100% Kersia innovative product:

New solution using different active ingredients, without compromising the undeniable need for effectiveness and simplicity.



Offering alternative solutions:

Alternative to chlorine and other controversial substances (i.e. EDTA, phosphoric acid, nitric acid)



Environmental impact:

Products meeting future market expectations in terms of reducing discharge in the environment (i.e. no nitric or phosphoric acid, easy biodegradable substance)



Safe Regulatory status:

EUROPEAN AUTHORISATION available for the disinfectant proposition



PARLOUR HYGIENE - ALTERNATIVE METHODS ACID



ADVISE:
to be used in
alternation with
OCTAKLEAN

HYPRACID ONE

Innovative chlorine-free solution

With its disinfection based octanoic acid, HYPRACID ONE is a chlorine free solution confirmed by an European Biocidal authorization. In addition, high cleaning and degreasing effects are supported by methane sulfonic and adapted surfactants compatible with this acid formulation.

Alternated twice per week with a chlorine-free alkaline cleaner when water temperature is minimum 60°C or used as single-phase product for higher temperature (maximum 75°C), HYPRACID ONE is adaptable to your preferred method and depending to the possible conditions. Phosphate and nitrate free, HYPRACID ONE is the suitable product to limit the release in the environment.

ADVANTAGES

- Octanoic based product
- Chlorine Free disinfectant
- Phosphate and nitrate free
- Detergent action
- EU authorisation n° EU-0021020-0001 1-1



ANTI-GERM REMINOX

Peracetic acid based chlorine-free solution

Based on peracetic acid, ANTI-GERM REMINOX gets its biocidal action from a different active than chlorine. With its adapted peracetic concentration, ANTI-GERM REMINOX is formulated to be compatible with milking machine equipment. Phosphate and nitrate free, ANTI-GERM REMINOX limits the release of those elements.

ADVANTAGES

- Peracetic acid based product
- Chlorine Free disinfectant
- Phosphate and nitrate free
- Low corrosion profile compare to high concentrated peracetic solution



CALF

Environ-mental Hygiene

1

Comple-mentary Feed

2



COW

Milking Hygiene

3

BETWEEN

Animal Care

4

Water Hygiene

5

Environ-mental Hygiene

6

Comple-mentary Feed

7

PARLOUR HYGIENE - ALTERNATIVE METHODS

NON-CHLORINATED ALKALINE



OCTAKLEAN



Powerful chlorine free alkaline detergent

With the combination of caustic soda and potash reinforced by powerful sequestrants, OCTAKLEAN justifies effective causticity to guarantee strong cleaning performance all year around or in challenging situations. EDTA-free thanks to the use of MGDA complexing agent in addition to its chlorine-free and phosphate-free status, allow to OCTAKLEAN to limit the release of controversial components into the environment.

ADVANTAGES

- Non chlorinated alkaline
- Strong detergent efficiency, high cleaning performance, sequestrant concentration and effective causticity
- Combination of caustic soda (NaOH) and caustic potash (KOH)
- Chlorine-free, phosphate-free and EDTA-free
- Biodegradable wetting agents according to OECD 301 standard
- Hot or cold temperature

ROBOLIN

Dedicated non-chlorinated robot alkaline

ROBOLIN specific formulation created for automatic milking system application aims to assure the sufficient level of cleaning of the specific robot pipe circuit. Based on caustic soda, ROBOLIN combines additional properties required for robot circuit: scale inhibition properties, foam control, respectful of the system (rubber or silicone compatible).



ADVANTAGES

- Non chlorinated alkaline
- Robot positioning
- Compatible with silicone and rubber liners
- Adapted to boiling water temperature
- High descaling inhibitor concentration
- Hard water

AUTOMATONS

To support your product application, dedicated automations are designed for specific applications.

- Save time at milking
- Improve your working comfort: reduce musculoskeletal disorders
- Regular and consistent application

Connection to an electrical outlet, compressor or milking machine, depending on the model

QUICK SPRAY SYSTEM

Spray application for rapidity



KERSIA FOAMER SYSTEM

Foam application bringing simplicity



PERFO SYSTEM

Cluster disinfection against cross contamination



MANUAL APPLICATOR

- Foam and dip cup
- Sprayer
- Cloths
- Pump, shaker...



Disinfectants are regulatory biocides. They have guarantees of efficiency and protection of human, animals and the environment. Use biocides safely. Before use read the label and product information.
* Dangerous. Comply with precautions for use.



ALTERNATIVE TO FORMALDEHYDE

The use of formaldehyde, a molecule widely used in foot care products, has been banned for foot bath applications since January 2023. Due to its hazardousness (carcinogenic) to humans, requiring the wearing of personal protective equipment, and its negative impact on the environment, this molecule requires safer alternatives.

FOOTBATH APPLICATION

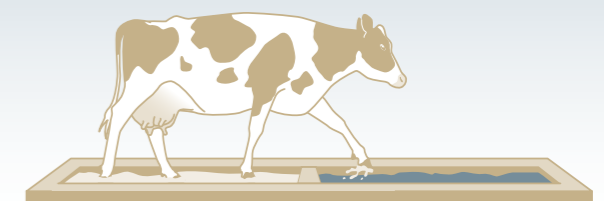
Footbath:

→ Preferably 2 footbaths: 1 to clean and 1 to disinfect

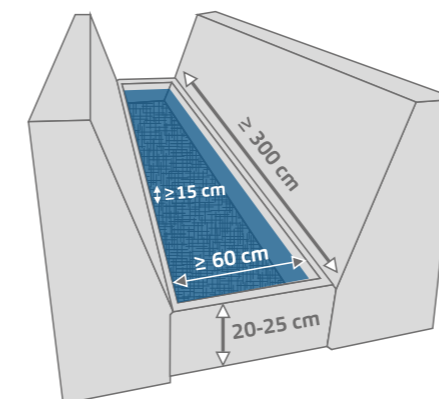
Usage:

- Clean the claws with before contact with disinfectant solution
- Respect recommended detergent and disinfectant dilution rate
- Let footbath available for 2 consecutive days (4 to 6 milkings). Follow this protocol for 4 consecutive weeks.
- Refresh the foot bath every 100/150 cows
- Make sure that the cows walk in a clean barn when they leave the footbath
- Empty and clean the footbath after each treatment before re-use

Two footbaths: detergency & disinfection



STEP 1: DETERGENCY STEP 2: DISINFECTION



IDEAL CLAW BATH DIMENSIONS AND LOCATION

Ideal claw bath dimension:

- **Length:** long enough to allow the cow to soak each claw at least twice (≥ 3m:)
- **Width :** As wide as the standard corridor (≥ 60cm)
- **Bath height** 20-25 cm
- **Liquid height** ≥ 15 cm to cover the all claw.

Note: Adding rubber mats to the bottom improves comfort and reduces the risk of slipping.

Location of the footbath:

- Location is crucial to ensure proper integration of foot baths into the building and animal traffic.
- The best way is to position them where all the animals have to pass: at the milking parlour exit, for example, or in a specially-designed removable corridor. The location can stress the animals, increase the workload and ultimately discourage the use of foot baths. The best locations are often in the milking exit alley or in the transfer area between the milking parlour and the living area.

Distance from milking parlour to footbath:

- In linear milking system: 1.5m²/cow from the milking parlour to avoid traffic jams at the exit
- Roto milking systems : shorter with 3m²/cow

SPRAY APPLICATION

Usage:

Spray application has the benefits to apply the right dosage at the right place. It allow also a lower use of water and products, seen as more economic and ecological application.

- Clean the claws with PODOCLEAN before contact with disinfectant solution
- Respect PODOCLEAN recommended dilution rate and apply it directly on the claw with straying system
- Keep cows in clean area right after application

Detergency Footbath & Spray Application



STEP 1: DETERGENCY

STEP 2: DISINFECTION

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4 ANIMAL CARE

Any farm hygiene management strategy needs to pay particular attention to the animals themselves. To achieve this, Kersia offers disinfecting and hygiene solutions to improve the quality and integrity of hooves and skin.

The zotechnical performance of animals, rapidly impacted in case of lame, and their welfare are thus improved. Different means for applying these solutions are offered in an effort to best respond to your constraints: Hoofbath or spray.



Why cleaning before desinfecting?

- Reduce the amount of organic matter
- Limit the multiplication of bacteria on the feet
- Improve disinfectant contact



→ Perform a more effective disinfection on previously cleaned hoof

HOOF MANAGEMENT PRODUCTS

PODOCLEAN

First phase hoof detergent

For effective disinfection, the paws must be free of organic material. PODOCLEAN has been specially developed to clean the hoofs properly so that they are optimally prepared for the disinfection phase. PODOCLEAN can be used as a foot bath or in a sprayer (in the milking parlour or with a backpack sprayer). Thanks to its white colour, it is clearly distinguishable from the disinfectant, thus avoiding any mistakes.



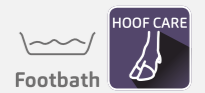
ADVANTAGES

- Cleaner action thanks to surfactant content
- Can be used in the milking parlour with a sprayer or in a foot bath
- White colour

PA-FEET 5

Spraying peracetic acid based product for hoofbath disinfection

PA-FEET 5 is peracetic and hydrogen peroxide-based product for an optimal disinfection on hooves thanks to the power of peracetic acid. PA-FEET 5 is ideal to stop a cycle of contamination in the herd. To dilute with cold water, PA-FEET 5 formula is adapted for hoof bath with a low consumption rate (5% of dilution rate). Used regularly for a stronger action on a risky period or on specific maintenance protocol, PA-FEET 5 becomes a part of the global hooves care management.



ADVANTAGES

- Strong effectiveness of peracetic acid
- Hoofbath application
- Reduce consumption : 5% of dilution rate
- Compatible for farms with biogas installation



PODOFEET MAX

Marking hoof disinfectant

PODOFEET MAX is a formula based on amine and methanosulphonic acid. It ensures optimal hoof disinfection without the use of quaternary ammonium salts or formalin. PODOFEET MAX is effective against most bacterial paw conditions and is therefore ideally suited for both bulk application and individual treatment to improve overall hoof conditions. The recognisable blue colour also allows for the detection of animals missed in the hoof treatment protocol, if any. In addition, PODOFEET MAX can be used without any problems on farms that work with biogas installations.



ADVANTAGES

- Powerful and long-lasting hoof disinfection
- Improved hoof hygiene
- Compatible for farms with biogas installation
- Marking blue colour for rapid visual control of application

PA-FEET SURF

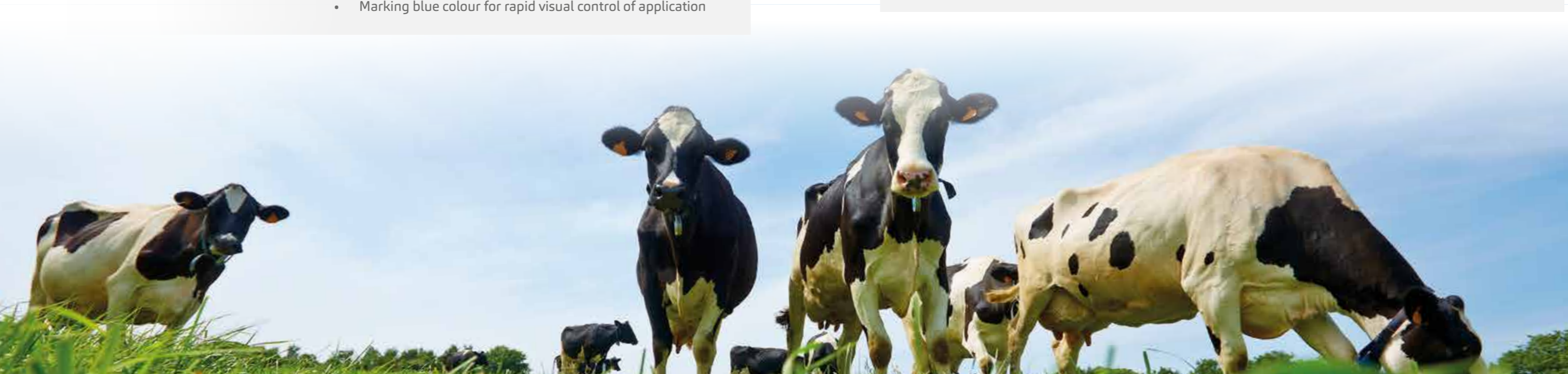
Foaming peracetic acid based product for hoofspray disinfection

After a dilution with cold water, PA-FEET SURF formula is adapted for spraying on the hooves for a local and targeted application with a low consumption rate (5% of dilution rate). PA-FEET SURF is peracetic and hydrogen peroxide-based product for an optimal disinfection on hooves thanks to the power of peracetic acid. The controlled foam generated when PA-FEET SURF is sprayed on the hooves proves the good efficiency of the dilution and is a visual tracker of the application. Used regularly for a stronger action on a risky period or on specific maintenance protocol, PA-FEET SURF becomes a part of the global hooves care management.



ADVANTAGES

- Strong effectiveness of peracetic acid
- Spray application
- Very reduce consumption : 5% of dilution rate + local spray application on the hooves
- Slight foam generation at application for a visual tracker
- Compatible for farms with biogas installation



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4 Water Hygiene

The importance of water quality

Clean water is essential to healthy animals. Contaminated water not only leads to diseases, but it can have a significant impact on growth and productivity. Studies show that animals with good quality water, grow faster and healthier, reducing the need for antibiotic treatment.

Kersia's approach to offer healthy and clean water to your animals is achieved through a comprehensive water hygiene programme containing 4 necessary steps:

- 1) Undertake water analysis
- 2) Clean pipes and drinkers, both internally and externally
- 3) Disinfect clean tanks and pipes from the inside, use a "shock-disinfection"
- 4) Continuous water treatment

It is essential that no part of the water system is overlooked in the cleaning and disinfection procedure. On-going water treatment with products such as AQUATABS®, a world leader in water disinfection, is essential to ensure microbial levels remain low and to prevent biofilm build up.

WATER SYSTEM CLEANING:

A 4 STEP PROCESS



1. Analysis

Undertake water analysis to determine micro and scale causing microbial levels.

2. Cleaning

- a) Choose a suitable detergent cleaner and descaler for inside the pipes and tanks.
- b) Choose a suitable detergent cleaner for outside the pipes and drinkers.

3. Shock Disinfection

Use a shock disinfection between two crops to reduce microbial challenges.

4. Continuous Treatment

Choose a suitable water disinfection treatment for avoiding the reestablishment of the exopolysaccharides matrix which is bearing the biofilm and to ensure continuous supply of clean water.



AQUATABS®



Effervescent tablets based on NaDCC for disinfecting of stock animal drinking water. In solution, the precursor NaDCC releases active chlorine through a reservoir system with an optimum pH level (~6) and keeps the water safe by maintaining an equilibrium between active chlorine and free chlorine. As active chlorine is progressively consumed by disinfection, the tablets replenish the consumed active chlorine as needed.

ADVANTAGES

- Biofilm control
- Simple to use
- Maintains healthy water
- Optimises breeding performance
- Approved for use in human drinking water
- Dissolves rapidly and completely
- Contains no heavy metals

RECOMMENDED USAGE

Application - Dosing pump, Troughs and Water tanks.
1 AQUATABS® tablet in 5000 litres of water = 1ppm Active Chlorine.

 Active chlorine released from troclosene sodium.



AQUATABS® IN-LINE




An innovative system for disinfecting water at point of collection with no power required and works on the flow of the water. Water is forced down through a cartridge and around TCCA tablets, which erode to mix the required level of chlorine into the water line.

ADVANTAGES

- Biofilm control
- Easy to install, no power required
- Low maintenance and no moving parts
- Maintains healthy water
- Cost effective and sustainable water solution

RECOMMENDED USAGE

Each cartridge treats 360,000 litres @ 2-3ppm at 100% water flow.

 Active chlorine released from symclosene instead of trichloroisocyanuric acid.

Disinfectants are regulatory biocides. They have guarantees of efficiency and protection of human, animals and the environment. Use biocides safely. Before use read the label and product information. Dangerous. Comply with precautions for use.



4 Environmental Hygiene Dairy Cow

The aim of environmental hygiene is the reduction or elimination of pathogens in the direct environment of a dairy cow.

Regular Cleaning and Disinfection, but also protection measures related to the movement of equipments, vehicles and persons between building and sites, which pose a significant biosecurity or cross-contamination risks on farm, are essential to reduce the level of pathogens in the environment the animals live in.

Kersia offers hygiene solutions for different areas of a dairy farm and protectional measures to stop cross contamination:

- Milking Parlour
- Cubicles
- Vehicle Hygiene
- Personal Hygiene

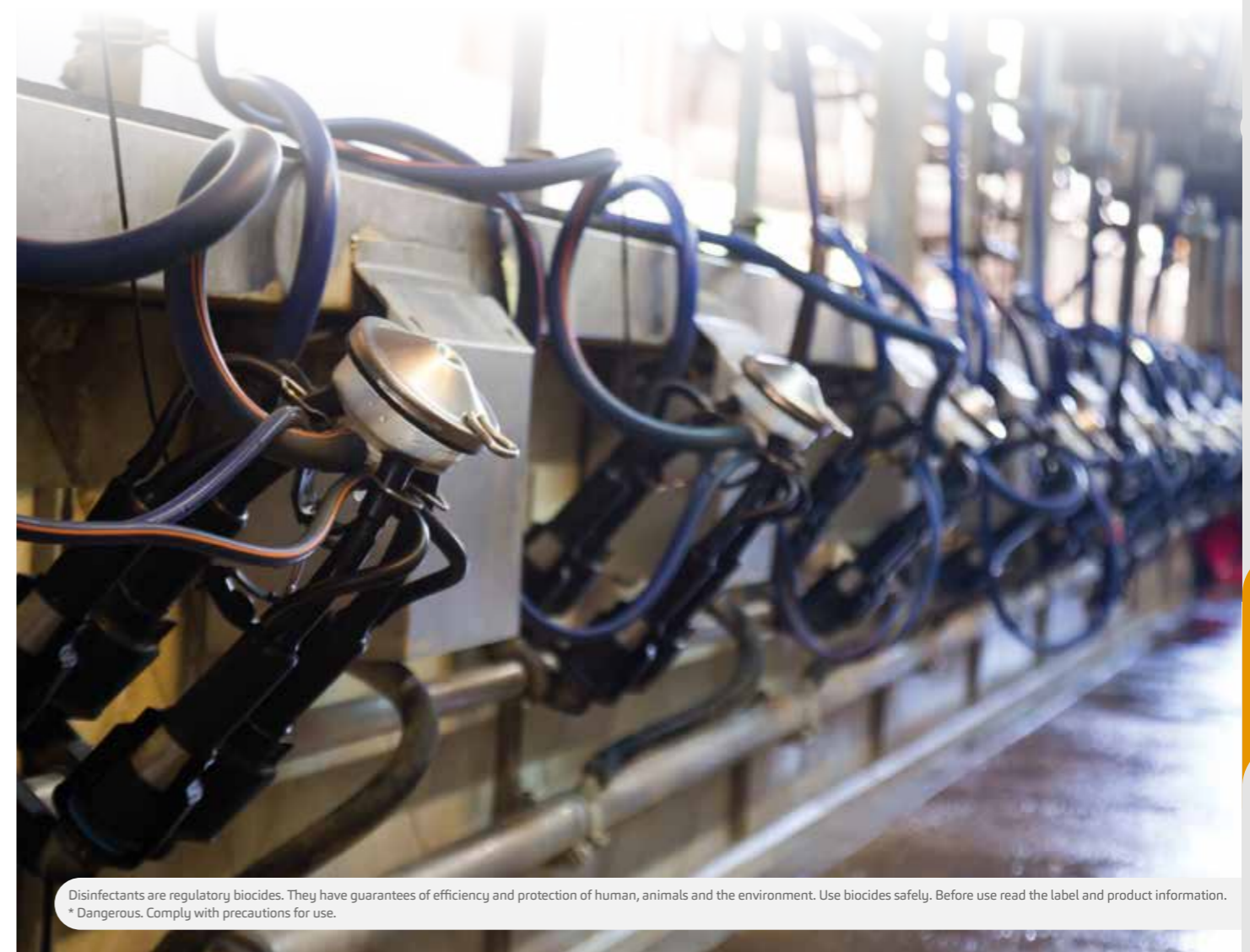
MILKING PARLOUR - SURFACE HYGIENE

In a clean milking parlour, it is not only more pleasant to milk, but also the microbial load is demonstrably reduced by cleaning the surfaces of the milking frame, milking equipment and standing areas.

Daily cleaning after milking reduces microbial load!

We advise to follow a strict cleaning procedure:

- Daily base:** A large-volume hose is ideal for cleaning up after each milking session, which flushes out the dirt with little pressure and lots of water
- Once a week:** Using the high-pressure cleaner once a week is sufficient. In farms with good pre-cleaning and stand area cleaning, a longer interval may be possible.
- Every 2-3 weeks:** Depending on the water hardness and soiling, an acid foam detergent should be applied with a foam lance to reduce lime residues and other soiling.



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* Dangerous. Comply with precautions for use.



CALF

Environmental Hygiene

1

Complementary Feed

2



COW

Milking Hygiene

3

PRE

DURING

POST

BETWEEN

Animal Care

4

Water Hygiene

5

Environmental Hygiene

6

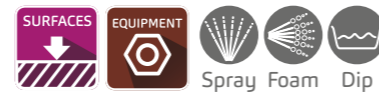
Complementary Feed

7

SURFACE CLEANING & DISINFECTION



ULTRAFOAM



A concentrated alkaline foaming liquid detergent for cleaning surfaces and equipment

A concentrated alkaline detergent with high sequestering power, strong foaming, wetting and emulsifying properties for the removal of organic matter. Effective at low temperatures in both hard and soft water, for an all-round premium performance.

ADVANTAGES & RECOMMENDED USAGE

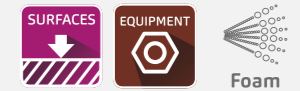
- Highly foaming, wetting, emulsifying and complexing detergent.
- Very active even in the presence of hard water and low temperatures.
- Great dragging capacity and emulsion of organic matter.
- Easy rinsing.
- With corrosion inhibitors to protect materials.

% 1-4% dilution depending on level of soiling.
 ⌚ ≥20 min.

FOAM ACID

Acid based detergent

Acid based foam detergent with a stable foam and particularly good dirt dissolving power. Suitable for dissolving grease and encrusted excrement on milking parlour flooring, reducing lime residues and for cleaning equipment made of stainless steel, galvanized metals as well as acid-resistant plastics.



ADVANTAGES

- Suitable for galvanised surfaces due to special corrosion inhibitors
- Dissolves grease and protein excellently
- Removes excrements, dirt and lime residues
- FOAM ACID forms a stable foam



VIREX



A concentrated broad spectrum powder disinfectant

A powder disinfectant with a broad spectrum of activity effective against bacteria, yeasts and viruses for surfaces, equipment, footbaths and vehicles.

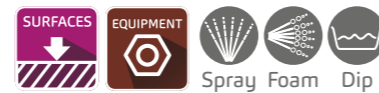
ADVANTAGES & RECOMMENDED USAGE

- A bactericidal, yeasticidal and virucidal powder disinfectant
- Active chlorine generated from precursors
- For the disinfection of livestock premises, animal breeding equipment and materials, animal transport vehicles and the disinfection of boots in farms.

% 1-4% dilution depending on level of soiling.
 ⌚ ≥20 min.



ECOFOAM ADVANCED



An ultra-high performance alkaline long cling foam detergent for cleaning surfaces and equipment

Ultra-high performance alkaline, long cling, foam detergent. Effective for fat and protein removal on heavily soiled areas and effective in both hard and soft water.

ADVANTAGES & RECOMMENDED USAGE

- Ultra-high performance alkaline long cling foam detergent.
- Highly foaming, wetting, emulsifying and complexing detergent.
- For fat and protein removal on heavily soiled areas.
- Remains fully effective regardless of water hardness

% 1-2% dilution depending on level of soiling.
 ⌚ 20 - 60 min.



CALF

Environmental Hygiene

1

Complementary Feed

2



COW

Milking Hygiene

3

PRE

DURING

POST

BETWEEN

Animal Care

4

Water Hygiene

5

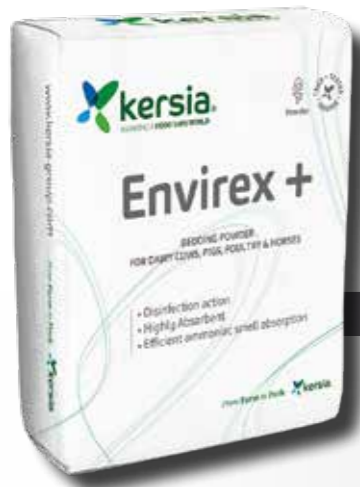
Environmental Hygiene

6

Complementary Feed

7

DISINFECTING BEDDING POWDER



ENVIREX+

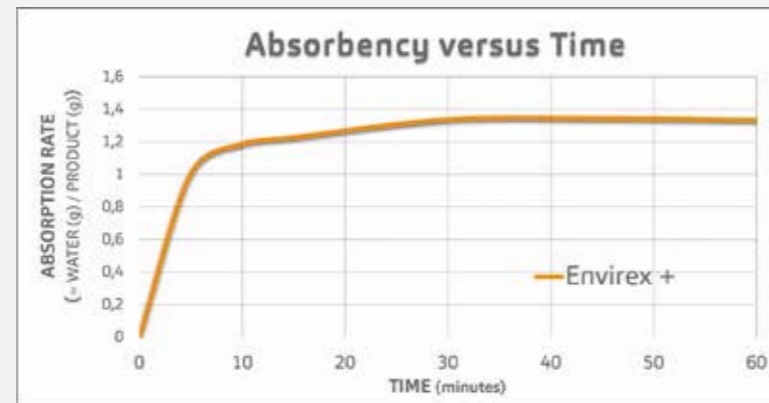


Disinfecting bedding powder with high absorption power

Envirex + is based on a mineral complex and 2% VIREX. It offers a neutral pH of 7 (+/-0.5), fresh spring aroma, great ammonia odor reduction, non-sticky to hands and easy to sprinkle.

ADVANTAGES & RECOMMENDED USAGE

- Composed by 2% w/w of VIREX, offers a bactericidal efficacy
- Fresh spring aroma : long term smell thanks to aroma powder
- Captures odours : high reduction of ammonia smells
- Easily spreading the ground : does not stick on the hand of the operator, on the udder or and the straw
- Strong absorbence capacity :
 - kaolin in a efficient dryer and allows high humidity control
 - absorb more than 120% of its own weight, which nearly 3 times more absorbent than lime



300g/m², bactericidal efficacy

Calf - Niches and Boxes:

- after cleaning, disinfection and drying, apply 300g/m² to the floor, then 1 application per week on the bedding

Dairy Cow - Deep beddings, straw areas:

- apply after straw application with a dose of 300 g/m² for 2-3 times per week

Dairy Cow - Cubicles:

- apply 2 to 3 times per week over the back third of the cubicle with a dose of 300 g/m²



SOLUSAFE +



High power absorption powder

SOLUSAFE + combines a high power of absorption and drying capacity together with a bacterial and enzymatic complex to create a positive flora and to acidify the area.

ADVANTAGES & RECOMMENDED USAGE

- Enzymatic and bacteria complex to colonize the medium through a positive flora
- Vegetable fiber
- Aromatic plants extracts
- Effective drying and good litter state
- Improvement of the atmosphere and the animals well-being
- Composition: based on clay, plant extracts, lithothamne, carbonate and bacterial and enzymatic complex

Wet & risky areas (troughs, drinkers, feeders):

→ apply with a dose of: 50-100 g/m²

Deep beddings, straw areas

→ apply after straw application with a dose of: 400-800g/cow/week

Cubicles:

→ apply per week over the back third of the cubicle with a dose of: 250-500g/cow/week

Ingredients	Benefits of each ingredient
Kaolin clay	Dries all types of surfaces Soft component in contact with skin Much more absorbent than calcium carbonate Healing properties
Plant extracts	Good moisture absorption
Virex	Contains 2% VIREX (a bactericidal powder disinfectant)
Fresh spring aroma	Better diffusion than perfume essences Provides a long-lasting fresh smell
Yucca-extract	Neutralizes ammonia and unpleasant odors

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BOOT AND WHEEL DISINFECTION



VIREX



A concentrated broad spectrum powder disinfectant

A powder disinfectant with a broad spectrum of activity, effective against bacteria, yeasts and viruses for surfaces, equipment, foot baths and vehicles.

ADVANTAGES & RECOMMENDED USAGE

- A bactericidal, yeasticidal and virucidal powder disinfectant
- Active chlorine generated from precursors
- For the disinfection of livestock premises, animal breeding equipment and materials, animal transport vehicles and the disinfection of boots in farms.

% 1% bactericidal & virucidal for foot bath & wheel disinfection. **3%** yeasticidal for foot bath & wheel disinfection.

🕒 ≥ 30 min.

≥ 30 min.

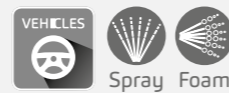
VEHICLE CLEANING

Transport comes in many forms across the industry and is present in all parts of the process chain. From a live animal vehicle, to a feed tanker, the movement of vehicles, lorries or tractors from and between various sites can pose a significant biosecurity risk in the spread of diseases. Kersia solutions range from cleaning vehicles, to disinfecting lorries and wheels.

AGRIMAT

A specialised alkaline vehicle detergent

A specialized detergent for the cleaning and removal of static film, mineral fats and oils, diesel fuel stains and brake dust. Effective on black marks and rubber tyres. Also acts as a mosquito repellent.



ADVANTAGES

- Very effective on black marks and rubber tires
- Self-drying after rinsing; leave on the material a brilliant film
- Does not alter the brilliance of the vehicle bodies on original painting

PERSONAL HYGIENE



SOFTY TOUCH'



pH neutral hand wash lotion

A pH-neutral and dermatologically tested wash lotion which maintains the lipid protection of the skin. It is formulated with surfactants based on their excellent tolerability with the skin and special cleaning abilities. Free of fragrance and dye.

ADVANTAGES

- Suitable for frequent use
- Contains a lipid protector
- Hypoallergenic
- neutral pH
- Perfume- and colourant-free
- Tested under dermatological control

RECOMMENDED USAGE

Get your hands and forearms wet. Take a SOFTY TOUCH' dose. Rub your hands and forearms and brush your nails. Rinse and dry with a disposable towel.



DISINFECTANT GEL



Hydroalcoholic gel for hygienic disinfecting of hands

A broad spectrum disinfection gel with bactericidal, fungicidal and virucidal efficacy. Ready to use without rinsing and suitable for frequent use. Fragrance and dye free.

ADVANTAGES

- No rinsing, no water required.
- Broad activity spectrum
- Perfume- and colourant-free
- Contains a softening agent, emollient.

RECOMMENDED USAGE

Wash your hands first. Put 3 ml in your cupped hand and rub your hands depending on the desired effect:

- 30 seconds - bactericidal and fungicidal effect.
- 90 seconds - bactericidal, fungicidal and virucidal activity.

Do not rinse or dry your hands.



DISINFECTANT SOLUTION



Hydroalcoholic solution for hygienic hand disinfection

A broad spectrum solution with bactericidal, yeasticidal, fungicidal and virucidal efficacy. Ready to use without rinsing and suitable for frequent use. Fragrance and dye free.

ADVANTAGES

- Bactericidal, yeasticidal, fungicidal, virucidal
- Contains a softening agent, emollient.
- Ethanol based disinfectant
- Perfume- and colourant-free

RECOMMENDED USAGE

Wash your hands first. Put 3 ml in your cupped hand and rub your hands depending on the desired effect:

- 30 seconds - bactericidal, yeasticidal and fungicidal effect.
- 90 seconds - bactericidal, yeasticidal, fungicidal and virucidal activity.

Do not rinse or dry your hands.

Disinfectants are regulatory biocides. They have guarantees of efficiency and protection of human, animals and the environment. Use biocides safely. Before use read the label and product information. * Dangerous. Comply with precautions for use.



Reproduction Support

Support Prevention of Deficiencies Around Calving

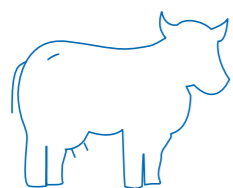
Metabolism & Digestive Balance

Overall Well-being

2 Complementary Feed Solutions for Dairy Cows

Kersia's COMPLEMENTARY FEED range supports Dairy farmers to increase the WELL-BEING and the PERFORMANCE of their animals. Our range of products offers complementary feeds specific to the metabolism of ruminants and targeted at the key stages of the production cycle: support of immune and reproductive functions, prevention of pathological disorders around calving, stimulation of ruminal and hepatic functions and general support of the body.

Kersia offers a solution based program aimed at:



- Reproduction Support
- Around Calving
- Overall Well-being
- Metabolism & Digestive Balance



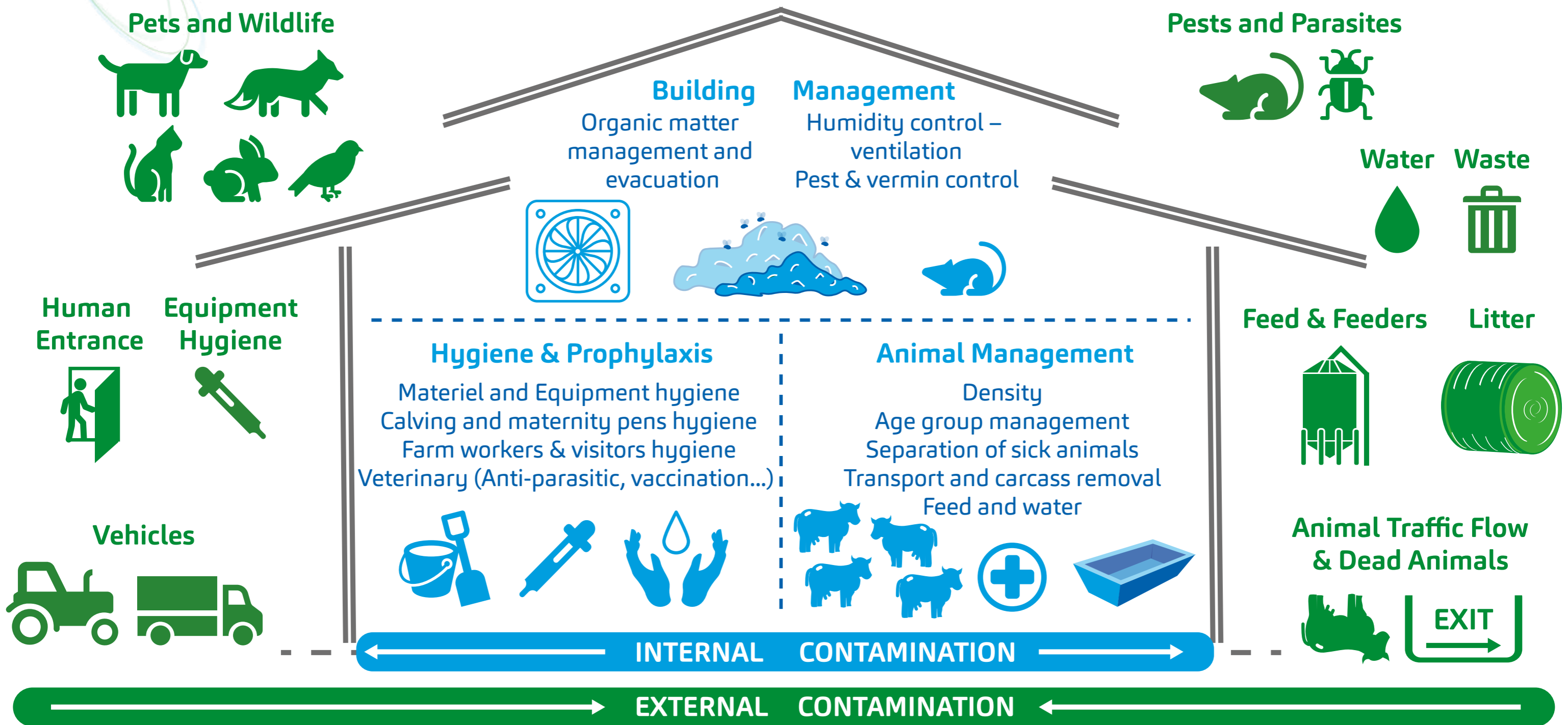
For more information please have a look at our **complementary feed brochure** or contact us:

dairyfarm@kersia-group.com

www.kersia-group.com

Disinfectants are regulatory biocides. They have guarantees of efficiency and protection of human, animals and the environment. Use biocides safely. Before use read the label and product information. * Dangerous. Comply with precautions for use.

Effective Farm Biosecurity - requires a Global Approach!



Check our latest videos

From Farm to Fork



<https://www.youtube.com/@kersiatv7937>



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