



Comprehensive hygiene solutions for agriculture



Contents:

Poultry farm hygiene	4
Hatchery hygiene	6
Hygiene of poultry farms	8
Hygiene of pig farms	10
ASF – Recommended cleaning and disinfection procedure	12
Divosan Viragri Plus	14
Genrox 3100	15
Cleaning and sanitation solutions for dairy farming	16
– Udder hygiene – Pre milking application	18
– Udder hygiene – Post	20
– Lameness	22
– Milking robots	24
– CIP / Parlour hygiene	25
Hygiene in greenhouses and mushroom farm	26
Mobile OPC equipment	28
Professional cleaning products	30
Personal hygiene	32
TASKI – Room hygiene	33
Specialised products	34
Notes	35



Diversey – Solutions from farm to fork

Diversey is a global leader in providing comprehensive hygiene solutions for sectors such as the food industry, pharmaceutical and cosmetic industry, agriculture and animal husbandry, hotel industry, retail trade, catering, healthcare and facility management.

We provide products, systems and services in the field cleaning, washing and maintenance. We offer comprehensive portfolio of chemical products, machinery and consulting in the field of sustainable development. Our actions We are based on the belief that cleaning and hygiene matter crucial to life, and the Diversey offer responds to the everyday needs of industries in this area.

Diversey benefits from over 100 years of experience around world. We develop optimal technologies cleaning that provide customized solutions to the requirements of business partners, taking into account sustainable development. At the heart of our activities there are

customers and concern for the environment. In everyday relationships We are guided by high ethical standards when creating innovative solutions influencing the future.

Thanks to our global team of experts and long experience in developing best practices Diversey knows well what is necessary for maintenance cleanliness of facilities and product safety.

In the wide Diversey offer, our partners will find: chemicals, engineering and equipment solutions and training.

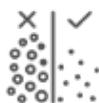
See how our Value Drivers can help you meet your goals:



Antibiotic Reduction



Cash Efficiency



Residue Control



Carbon Efficiency



Animal Welfare



Sustainability



Poultry farm hygiene



Poultry production has become the most intensive of all breeding branches. However, the conditions of such breeding favor the development and spread of microorganisms.

The success of intensive breeding depends on maintaining good health of the herd. Hygiene plays an important role in disease prevention and can only be achieved by regular hygiene using a controlled and methodical cleaning and disinfection program, using high-quality chemical products and application equipment.

Washing is an essential precursor to disinfection and its goal is to create surfaces free from dirt, which may otherwise be a breeding ground for microorganisms.

Effective flock protection also means using the highest quality virucidal products, especially those that will effectively protect the flock against bird flu or salmonella viruses.

Featured products

Washing surfaces



Aciplusfoam

- Acidic foam cleaning and descaling agent
- The foam ensures long-lasting contact with the surface being cleaned



Multiclean

- Alkaline foaming detergent
- Versatile and economical product
- Excellent cleaning properties



Enduro Uniphase

- Alkaline thixof foam cleaning agent with increased surfactant content
- Prevents limescale buildup, reducing the need for periodic acid cleaning

Poultry farm hygiene



Surface disinfection



Divosan Hypochlorite

- Active chlorine-based disinfectant
- Effectively disinfects and removes unpleasant odors



Divosan Viragri Plus

- A disinfectant with bactericidal, fungicidal, and virucidal properties
- Based on glutaraldehyde
- Effectively combats bird flu



Suredis

- A disinfectant based on cationic surfactants
- Eco-friendly – minimized environmental impact



Divosan Extra

- A disinfectant based on quaternary ammonium compounds.
- Penetrates perfectly into pores, crevices, and irregularities



Zal Perax II

- A disinfectant based on stabilized peracetic acid
- A formula designed for animal breeding, housing, and transportation facilities



Divosan Activ

- A disinfectant based on 5% peracetic acid
- The product's oxidizing properties help remove stains and unpleasant odors

Watering line



Deosan Deogen

- Low-foaming, alkaline formula with active chlorine
- Especially effective in medium to high water hardness



Deosan Acidophy

- Acidic cleaning and descaling agent
- Low-foaming, even when used under high pressure



Booster

- Hydrogen peroxide-based product
- Effectively removes difficult-to-dissolve organic deposits



Hatchery hygiene



The number of top quality chicks produced as a percentage of total eggs incubated is the measure by which the success of a poultry hatchery is judged, and many factors can influence the results of this process.

Hatcheries are a potentially significant source from which infections can spread in the poultry industry: eggs come from various farms, and the conditions required for the development of the embryo are also ideal for harmful microorganisms.

The principle of single-entry incubation is most often used in hatcheries, i.e. one hatching chamber is emptied at a time. After each hatching, the entire production line is thoroughly washed and disinfected. Due to the fact that in this type of plants elements equipment is made of various materials, it is necessary to use measures that are safe for various materials, including light metals, and at the same time ensure an appropriate level of hygiene.

Periodically, wash with acidic preparations to remove limescale deposits. Particular attention should be paid to trolleys and transport boxes. Most hatcheries are equipped with tunnel washers for boxes, in which it is best to use non-foaming cleaning and disinfecting preparations in one step.

As a result, the hatching process deserves the most careful attention to hygiene at every stage, starting from receiving the eggs, through their preparation for incubation, hatching, and ending with segregation and delivery. A comprehensive and controlled program of washing and disinfection of production and transport areas, as well as staff hygiene control, is necessary.

Hatchery hygiene



Washing and disinfecting surfaces



Shureclean Plus

- Safe for all types of surfaces (including aluminum)
- Versatile and economical to use.
- Suitable for hand washing



EnduroEco

- Acidic cleaning agent
- Tixifoam technology – extended contact time with the cleaned surface



EnduroUniphase

- Alkaline thixifoam cleaning agent with increased surfactant content
- Effective in removing tough stains



Diverfoam SMS Chlor

- Alkaline foam cleaner with active chlorine
- Safe for light metals



Divosan Viragri Plus

- A disinfectant with bactericidal, fungicidal, and virucidal properties
- Based on glutaraldehyde
- Effectively combats bird flu



Divodes FG

- Alcohol-based disinfectant
- Disinfected surfaces do not require rinsing

Tunnel washers



Deosan Deogen

- Low-foaming, alkaline formula with active chlorine
- Especially effective in medium to high water hardness



Deosan Acidophy

- Acidic cleaning and descaling agent
- Low-foaming, even when used under high pressure



Divosan BG

- A strongly acidic disinfectant for CIP systems and washers
- Recommended for use in areas where phosphate restrictions have been introduced



Hygiene of poultry farms



Avian influenza is an acute disease of domestic birds caused by a type A virus from the Orthomyxviridae family. It is a very contagious virus that causes symptoms in the respiratory and nervous systems. If symptoms of the disease are visible, the mortality rate of the infected herd may reach 100%. The virus finds good conditions for survival in tissues, feces and water, especially in cold and moist environments.

Ways of transmitting bird flu

The bird flu virus is transmitted by droplets from infected birds and can survive in poultry houses for up to five weeks. For this reason, one of the most important issues related to infection control is the removal of feces.

The virus remains active longer in conditions of high humidity and low fecal temperature. The virus can survive for up to three months in the tissues and feces of infected birds. In water, the virus can survive up to 4 days at 22°C and up to 30 days at 0°C.

Migrating birds play the main role in transmitting the bird flu virus into the flock. However, food, water, drinkers, feeders, other devices and excrements and secretions of infected birds are present a serious source of new infections and the spread of infections within the farm and other farms.

“Horizontal” infections (between birds) are the most common way of transmitting the virus within a flock. There is no confirmed evidence of the possibility of “vertical” infection (from an infected bird to a chick through an egg), but contact of a cracked egg shell with the virus may lead to infection of chicks in the incubator.

Bird flu – Recommended cleaning and disinfection procedures



General precautions against bird flu in the poultry industry:

- A biosecurity program should be implemented with the utmost care in all areas of farms and hatcheries. Lack of implemented procedures in one area may pose a threat to the entire farm.
- Disinfection processes should be implemented at all entry and exit points on the farm and should be strictly controlled.
- Transport and entry/exit to and from the farm should be limited to a minimum, only to farm staff and people visiting farms for an important reason.
- Disinfection processes should be intensified both outside and inside facilities, increasing the number of disinfection baths and hand washing stations to eliminate the possibility of infections between areas.
- Disinfection of vehicles transporting poultry and feed should receive the highest priority and be carried out using appropriate disinfectants.
- Pest control should be tightened with particular emphasis on wild birds.
- Employees in farms and processing plants should wear appropriate protective clothing (hair nets, hats, gloves, goggles, masks, shoe protectors, protective suits), which should be replaced and disinfected frequently.
- Staff should use sanitizing tubs each time they enter and leave breeding and slaughter premises. Disinfectant solutions should be checked and replaced regularly.

A Diversey representative will help you develop detailed procedures and a hygiene plan for your farm.

Fact:

A properly carried out washing process is the most important element of effective disinfection



Hygiene of pig farms



What constitutes a good hygiene procedure for pig farms?

- An important aspect of proper cleaning is the removal of all organic contaminants, including those lying in nooks, cracks, pores of walls, floors and equipment, and dissolving particles of fat and other substances.
- Effective detergent, perfectly penetrates into all nooks and crannies and dissolves organic substances - the habitat of pathogens. To do this effectively, it must foam and remain on vertical surfaces for as long as possible (do not drip).
- After rinsing the foam and thoroughly pressure washing and drying, the room should be sprayed with a good quality disinfectant with the broadest possible biocidal spectrum. For several years now, the right combination of aldehyde has been the best solution glutaric acid and quaternary ammonium salts.
- You should also take care of disinfection in places such as basins at entrance gates, loading and unloading ramps and shoe disinfection mats.

How proper hygiene will affect your farm

- Appropriate hygiene of livestock buildings significantly reduces the risk of disease and also limits the transmission of diseases between herds.
- Properly washed and disinfected breeding rooms create an environment free of harmful pathogens, which helps the herd develop better natural immunity.
- Through proper hygiene procedures, you can reduce the use of antibiotics and thus achieve an even better return on your investment.
- Skillful use of foam of appropriate technology can save up to 30% of water and significantly shorten the time spent on washing.

Hygiene of pig farms



Washing surfaces



Multiclean

- Alkaline foaming detergent
- Versatile and economical product
- Excellent cleaning properties



Enduro Uniphase

- Alkaline thixofoam cleaning agent with increased surfactant content
- Prevents limescale buildup, reducing the need for periodic cleaning with an acidic agent



Hypofoam

- Alkaline foaming agent with active chlorine (pre-disinfection)
- Effective on all types of stains

Surface disinfection



Divosan Viragri Plus

- A disinfectant with bactericidal, fungicidal, and virucidal properties
- Glutaraldehyde-based
- Effectively combats ASF viruses



Divosan Extra

- A disinfectant based on quaternary ammonium compounds.
- Penetrates perfectly into pores, crevices, and irregularities



Divosan Activ

- A disinfectant based on 5% peracetic acid
- The product's oxidizing properties help remove stains and unpleasant odors

Watering lines



Deosan Deogen

- Low-foaming, alkaline formula with active chlorine
- Especially effective in medium to high water hardness



Deosan Acidophy

- Acidic cleaning and descaling agent
- Low-foaming, even when used under high pressure



Booster

- Hydrogen peroxide-based product
- Effectively removes difficult-to-dissolve organic deposits



ASF – Recommended cleaning and disinfection procedures



What is ASF?

ASF (African Swine Fever) is an infectious viral disease affecting domestic pigs, wild boars and warthogs. The first infections in Europe were recorded in 1957, but a drastic increase in the number of infections was observed in 2013.

Symptoms of the disease may appear even 15 days after infection (usually 6 to 10 days). First, there is a high fever (41.5°C). Frequent falling of animals should also cause concern. Characteristic features of ASF include: cyanosis of the skin of the ears, abdomen and sides of the body, petechiae, foamy discharge from the nose, discharge from the conjunctival sac, diarrhea, vomiting, convulsions and muscle cramps.

There is no cure or vaccine for ASF. In pigs, the mortality rate is usually 100%.

Biosecurity recommendations:

Washing the pigsty

- Apply EnduroPlus in the form of thioxopian at a concentration of 2-3% to all surfaces in the building (ceiling, walls, fences, etc.).
- The washed surfaces should be thoroughly rinsed with high-pressure water and then disinfected with a 1-2% solution of Divosan Viragri Plus. Leave the preparation for 15 minutes.
- We recommend regular fogging of the pigsty using a solution of Divosan Viragri Plus at a concentration of 2 to 3%.

Washing livestock facilities (including farrowing rooms for sows)

- The rooms should be thoroughly rinsed with high-pressure water, paying particular attention to places where dirt accumulates (ceiling, grates, comforts, troughs, etc.).
- Apply EnduroPlus in the form of thioxopian at a concentration of 2-3% to all surfaces in the building (ceiling, walls, fences, etc.) Rinse thoroughly with water under high pressure.
- Disinfect washed surfaces with a 1-2% solution of Divosan Viragri Plus. Leave the preparation for 15 minutes. Rinse disinfected surfaces with water.

ASF – Recommended cleaning and disinfection procedures



Disinfection of buildings

- Spray a 2-3% solution of Divosan Viragri Plus under low pressure (a thick drop) or using the foam method on all surfaces (ceiling, walls, equipment, floor). Leave to dry for approximately 12 hours.

Personal hygiene

- An important factor in preventing the transmission of the virus is increasing the frequency of hand washing. A mild disinfectant soap such as Sure Antibac Hand Wash should be used and additionally regularly disinfect your hands with SoftCare Med or another alcohol-based disinfectant.
- Persons performing activities related to handling pigs should wear clothing and footwear used only for these activities. Such reusable clothing and footwear should be regularly disinfected using Divosan Viragri Plus.

Washing means of transport

- Start washing from the upper elements, then clean the walls and floor of the trailer. We recommend washing with EnduroPlus or another cleaning preparation and then disinfecting with a 2-3% solution of Divosan Viragri Plus.

Additional recommendations

- Placing disinfection mats in front of the entrances and exits to the rooms where pigs are kept. We recommend soaking the mats with a 2-3% solution of Divosan Viragri Plus. The solution should be replaced every 1-2 days or as needed.
- Setting up basins or entrance gates at the entrances to the farm. We recommend filling the basins with a 2-3% solution of Divosan Viragri Plus. The solution should be replaced every 1-2 days or as needed.
- Tools and equipment used for handling pigs should be regularly washed and disinfected, e.g. with Oxivir Plus Spray.

A Diversey representative will help you develop detailed procedures and a hygiene plan for your farm.



Divosan Viragri Plus



Reliable and proven microbiological safety for your farm.

Divosan Viragri Plus is a professional disinfectant based on glutaraldehyde and quaternary ammonium salts with bactericidal, fungicidal and virucidal action

Divosan Viragri Plus is intended for the final disinfection of animal housing and transportation facilities, as well as surfaces in mushroom farms and greenhouses. Additionally, the product can be used on gates, tubs, basins, and mats for disinfecting vehicles or shoes. Thanks to its special antioxidant formula, it demonstrates high stability and long-lasting effectiveness.

Key Features

- Developed specifically for animal breeders.
- It has a broad biocidal spectrum.
- Suitable for use on most surfaces, including light metals.
- Effective regardless of water hardness.
- Divosan Viragri Plus can be applied by spraying, soaking in a solution, or by thermal or cold fogging.
- Registered for groups **PT2**, **PT3**, and **PT4**.
- The formula is supported by the **BPR**.

Effectively combats

- Avian influenza
- ASF
- Salmonella
- Listeria
- Foot-and-mouth disease
- Newcastle disease

Generox 3100

Up to 50% of food-related health problems on pig and poultry farms start with dirty water and contaminated pipes. Chlorine dioxide has powerful disinfecting properties and effectively removes biofilm, or any organic contaminants, from systems. It is commonly used, for example, for sanitization in waterworks.

Chlorine dioxide (ClO₂) is an extremely effective solution that is revolutionizing the approach to disinfection and hygiene. Thanks to its unique biocidal properties, it is increasingly used in agriculture.

Benefits of using chlorine dioxide

- Chlorine dioxide is significantly more effective than traditional disinfectants, eliminating bacteria, viruses, fungi, and other microorganisms even at low concentrations.
- Unlike other disinfectants, chlorine dioxide does not produce harmful byproducts such as trihalomethanes or chloramines, making it safer for animal and human health, and the environment.
- It can be used across a wide range of pH and temperatures, allowing for effective use in a variety of industrial and environmental conditions.

What makes Generox 3100 unique

- The product guarantees high stability thanks to its unique composition and mode of action. Chlorine dioxide is produced only upon reaction with water, meaning the product retains its properties for a long time in an open container.
- It is highly efficient and economical – just 50 ml of the product is enough to sanitize 1000 liters of drinking water.
- It significantly improves herd performance by increasing weight gain, reducing mortality and feed consumption.
- It improves the cleanliness of installations, pipes, and waterers, thus improving system throughput and access to drinking water.
- Easy to use – a simple pump is all that's needed to administer medication.





Cleaning and sanitation solutions for dairy farming

Successfully producing safe milk combines exceptional hygiene and sustainability with an acute awareness of costs.

Producing the safest milk while consumers demand the most natural product possible is no reason for conflict. Our support delivers compatibility without compromise. We ensure correct product usage, effective residue control and improve disease prevention whilst reducing your reliance on antibiotics.

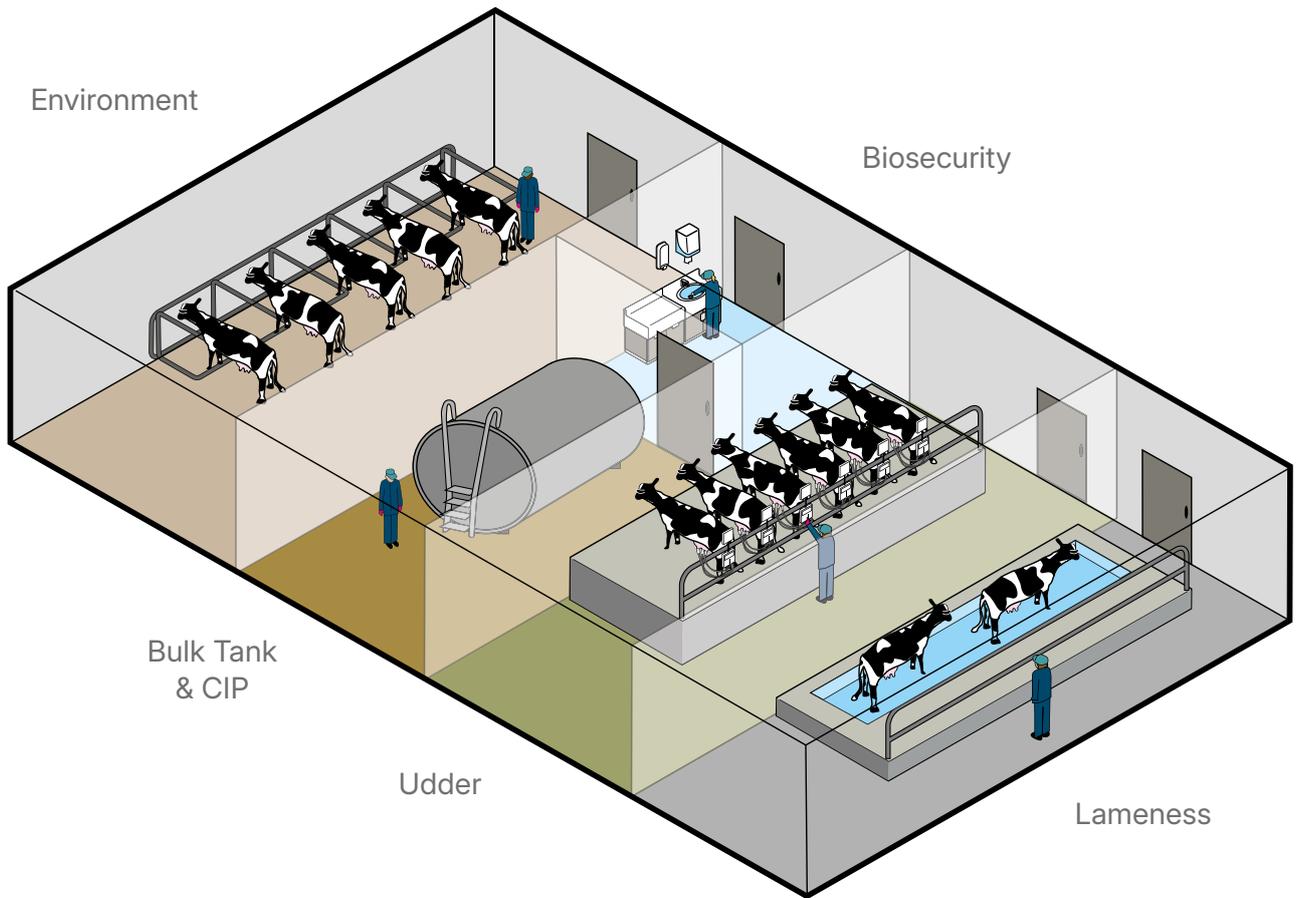
Improving Cash Efficiency and Milk Quality

Cash efficiency is paramount. You need to extract every bit of monetary value by obtaining the going rate for the highest quality milk. In satisfying consumer preferences for safe milk and advancing your livestock's welfare, we deliver a clear return on investment and an increase in your revenues.

Committed to Safe Milk

Developing safe, world-class chemistry is fundamental. Our efficient solutions avoid harmful or environmentally damaging ingredients and acknowledge the different seasonal challenges that confront farming. Our global insights validate the highest standards of hygiene and nutrition. We support your ambitions in achieving a sustainable environment from our vision of responsible land management. Our approach incorporates the safest methods and materials with unique expertise across the complete food chain to protect against bacteria and disease. We raise the value of milk so you achieve a better result for less.

Farm map



DEOSAN®



Antibiotic
Reduction



Cash
Efficiency



Residue
Control



Carbon
Efficiency



Animal
Welfare



Sustainability



CIP / Parlour hygiene



What makes a good parlour cleaning routine?

- Your parlour cleaning routine needs to tackle both organic soiling and scale (milk stone) deposits that lead to inefficiency and fuel bacterial growth.
- A combination of a detergent / disinfectant and an acidic descaler that are suitable for your farm conditions and equipment.
- Uses ingredients that protects the raw milk and ultimately the finished product and does not attack the expensive components in the parlour.
- Saves you money by reducing utility costs.

How will this impact your business?

- Promotes hygienic milk production – Poor milking plant hygiene can result in increased bacterial levels in milk as well as fat deposits in the plant which can harbour bacteria.
- Maximised milk payments – failure to thoroughly clean the parlour and all equipment will lead to an increase in bactoscan levels.
- Enhances efficiency of the milking plant – removing organic soiling, milk stone and scale from your plant improves efficiency.

CIP / Parlour hygiene



Deosan Acidophy

- An acidic cleaning agent based on nitric acid
- Designed for removing inorganic contaminants (milk stone) from surfaces and equipment used in dairy farming
- Suitable for cleaning a variety of surfaces, including glass, rubber, and stainless steel
- Can also be used by spraying and immersion



Deosan Deogen

- An alkaline preparation with active chlorine designed for cleaning and disinfection in CIP and spray cleaning systems
- This product is recommended for medium to high water hardness
- A special combination of ingredients provides excellent cleaning properties, effectively removing most contaminants from various surfaces.
- It has broad biocidal properties



Deosan TC 86

- Alkaline preparation for cleaning and disinfecting surfaces and equipment used in milk production
- Recommended for circulating cleaning and disinfection of milking systems and milk tanks
- Suitable for automatic dosing
- Excellent cleaning and disinfection properties and effective removal of milk contaminants



Deosan Liquid CIP

- No added chlorine
- High alkali content ensures highly effective removal of milk stains
- Suitable for robotic milking systems and automatic parlor cleaning systems
- Designed to operate in all water hardness conditions



Divosan BG

- A strongly acidic disinfectant for CIP systems and washers
- This product is intended for use on equipment and surfaces that come into direct contact with food
- It has excellent cleaning properties and effectively removes inorganic contaminants, primarily limescale deposits, including calcium phosphate



Diverspray

- A highly alkaline cleaning agent for CIP systems
- Especially recommended for dairy processing applications
- High cleaning efficiency - effectively removes organic contaminants



Udder hygiene – Pre milking application



What makes a good pre milking teat disinfectant?

- Contains skin friendly surfactants which take the product into all the crevices of the teat skin, ensuring speedy soil removal and disinfection.
- Have proven fast and efficient removal of both gram negative and gram positive bacteria found in the environment.
- Be suitable for all application methods and offer high foaming capabilities to allow lower usage rates.

How will this affect your farm?

- Stimulate milk let down which will speed up the milking process but with less damage to teat ends.
- Removal of soil contamination from skin before milking.
- Improved teat condition protects animal welfare by removing opportunities for mastitis causing bacteria to settle.
- Improved bactoscan results due to the reduction in bacterial loading (including coliforms) from the teat skin.
- The integrity of our range ensures maximum efficacy across all application methods.

Pre Foaming verses Dip?

Foaming application can reduce the amount of product used to around 4ml per cow per milking versus 10ml to 15ml per cow when dipping or spraying. This can equate to using 24 litres of product per month (for 100 cows) as opposed to 60 to 90 litres for dipping and spraying.

Udder hygiene – Pre milking application



Deosan Activate Pre

- Concentrated pre milking formulation - Spray / Dip / Foam
- 1:4 concentrate delivers optimum cost in use without reducing quality
- Dual action approach, removes soil swiftly and disinfects teats within 30 seconds of contact with the skin
- Activate technology (Iodine) - delivering immediate log kill - measured against the most exacting standards in the EU
- GB BPR licensed



Deosan Activate Pre / Post

- Ready to use - Spray / Dip / Foam
- Premium formulation designed for use before and after milking
- Rapid action teat cleaning and disinfection in 30 seconds, encouraging stress free milk let down and ensures a seamless milking routine with maximum effect on teat and milk hygiene
- Activate technology delivering immediate log kill - measured against the most exacting EN standards
- Efficiency tested: Bacteria; S.aureus, S.uberis, E.coli (EN1656) and Yeast (EN1657)
- GB BPR licensed



Deosan Target Pre Post

- Ready to use - Spray / Dip / Foam
- Practical multi purpose teat disinfectant
- Fast acting, skin friendly 6000ppm chlorhexidine
- Ideal pre post meeting environmental challenges, especially during housing
- Efficiency tested: Bacteria; S.aureus, S.uberis, E.coli (EN1656) and Yeast (EN1657)



Deosan Teatfoam

- Ready-to-use – Spray / Dip / Foam
- The combination of several surfactants ensures optimal teat cleaning.
- Improves milking speed – easy to apply, penetrates quickly, and removes contaminants.
- The chlorhexidine-based formula ensures rapid bacterial killing.



Deosan Triathlon

- Ready to use - Spray / Dip / Foam
- 100% Natural chemistry from sustainable resources; using plant based lactic acid biocide
- Amazing soil removal qualities and dead skin cell removal
- Unbeatable bug kill and efficacy
- The future of teat disinfection
- Efficiency tested: Bacteria; S.aureus, S.uberis, E.coli (EN1656) and Yeast (EN1657)
- GB BPR licensed



Deosan Divdet

- Concentrated neutral detergent for teat washing/cleaning
- Skin-friendly
- Provides excellent soil removal at a low cost of use



Udder hygiene – Post



What does a post milking teat disinfectant do?

Post milking teat disinfectants need to kill bacteria on the teat at the end of milking. They also need to ensure protection between milkings, this includes retaining smooth, hydrated skin condition to discourage the harbouring of bacteria. Their purpose is simple,

to protect the quality of milk through disease prevention. The correct choice of product is defined by the specific needs of your cow management, seasonality and lactation status of your herd.

Iodine products



Deosan Activate Pre / Post

- Ready-to-use – Spray/Dip/Foam
- Delivers 3000 ppm of iodine
- Optimal combination of softening agents – ensures teat softness
- One product formulated to provide the best balance of ingredients for pre- and post-milking teat disinfection, simplifying the milking process by reducing the number of products in the parlor
- BPR-supported formula



Deosan Activate PVP Plus

- Ready-to-use – Spray/Dip
- Unrivaled post-milking teat disinfection
- High softener content for optimal teat condition year-round
- Optimal adhesion – PVP technology ensures the entire teat surface is covered with a slippery protective layer
- Active surfactant complex reaches every part of the teat, ensuring maximum log reduction of bacteria and yeasts
- BPR-supported formula



Deosan Activate Barrier

- Ready-to-Use – Dip
- Best Protection – the most viscous iodine product on the market, yet easy to apply – enables practical identification of wet cows and unparalleled environmental protection between milkings.
- No drips – no waste.
- Activate Technology provides complete teat coverage, extended retention, and cow protection as she leaves the parlor and faces environmental challenges.
- BPR-supported formula

Lactic Acid



Deosan Triathlon

- Ready to use – Spray / Dip / Foam
- 100% natural formula based on plant-based lactic acid biocide
- Incredible dirt removal and dead skin cell removal
- Unrivalled antimicrobial properties
- The future of teat disinfection
- BPR-supported formula



Chlorhexidine products



Deosan Mastocide

- Ready-to-use – Dip
- The use of chlorhexidine ensures rapid bacterial killing.
- The very high viscosity ensures the product does not drip and makes application easier.
- The product formula is designed to withstand the challenges of weather at any time of year.



Deosan Teatfoam

- Ready-to-use – Spray/Dip/Foam
- Chlorhexidine treatment ensures rapid bacterial kill.
- Skin-friendly, dual-purpose formula addresses critical environmental challenges before and after milking.



Deosan Target Barrier

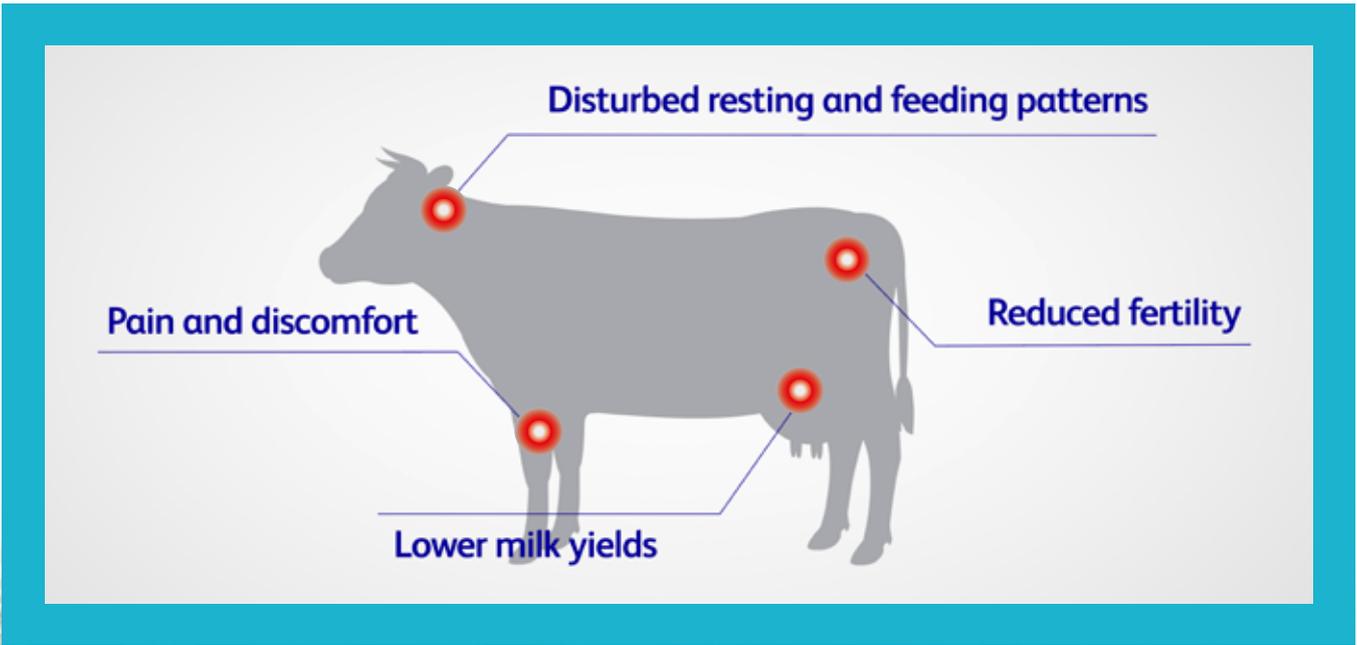
- Ready-to-use Dip
- Wind- and cold-resistant ingredients, selected to meet the challenges of all seasons
- Advanced biocidal formula and exceptionally gentle on teat skin



The footbath solution leading the fight against lameness

Restores Hoof Hardness without impacting animal welfare or the value of milk.

Deosan HH+ is a powerful, effective and sustainable solution, which contains Copper Nitrate.



Normal use: Dilute Deosan HH+ at 1% (1 litre makes 100 litres).
5 litres diluted at 1% makes 500 litres.
20 litres diluted at 1% makes 2000 litres.

For Extreme challenge: Dilute Deosan HH+ up to 3%
(1 litre makes 33 litres / 3 litres makes 100 litres).

Empty the bath after 150 to 200 cows.
Walk cows through the bath at least 2 times per 2 days per week (total four times).



Visit www.solenis.com/deosanhoofhygiene for more information or contact your Deosan representative

Milking robots



CLEANING OF ROBOTIC MILKERS

For superior cleaning in these specialist areas use a combination of these proven Deosan products to achieve the best milk quality results

1. Deosan Liquid CIP

High strength, specially formulated and proven caustic based liquid

- High caustic delivering robust and effective clean
- Designed to cope with all levels of water hardness
- Dilute at 5ml per litre of water
- Premium chlorine free option



2. Deosan Acidbrite

- Powerful phosphoric acid detergent and descaler
- Compatible with all surface types found in the robot milking machine
- Foam suppressed for complete surface reach and free rinsing
- Dilute at 5ml per litre of water



3. Deosan Activ

Highly effective with consistent performance oxidising disinfectant based on peracetic acid. Regulated and specifically formulated for these applications

- Highly effective oxidising peracetic acid disinfectant
- For all terminal and surface disinfection requirements for the robot milking machine
- Free rinsing and non tainting



4. Diverclean EnduroSafe

It is important that areas on, around and underneath the robot are kept clean

- Unique foaming detergent
- High cling, prolongs contact time for exceptional cleaning
- Rinses easily
- Soft metal safe





Hygiene in greenhouses and mushroom farms



What constitutes a good hygiene procedure for cultivation halls?

- Products selected for cleaning and disinfection should have an appropriate biocidal spectrum that will neutralize the threat of fungi and mold.
- Cleaning products should penetrate all contaminants very well and dissolve them to remove any residues in which microorganisms can grow.
- When washing and disinfecting, do not forget about any cavities in greenhouse elements as well as tools, accessories and removable elements.
- Irrigation lines and end nozzles should be descaled regularly to ensure optimal flow.
- Regular thermal fogging will remove any microorganisms that may have remained in very hard-to-reach places in the cultivation halls.

How will this impact your business?

- Appropriate hygienic washing and disinfection procedures will reduce the risk of development of harmful microorganisms in the soil or around crop plants, which may cause plant diseases and thus harvest losses.
- An irrigation line free of organic and inorganic sediments will ensure adequate water flow through all sections, and thus adequate irrigation of each section of crops.
- Thermal fogging prevents microorganisms from remaining in places that cannot be thoroughly washed and disinfected using traditional methods, such as roof structural elements.

Hygiene in greenhouses and mushroom farms



Hypofoam

- Alkaline foaming agent with active chlorine (pre-disinfection)
- Effective on all types of stains



Diverfoam SMS Chlor

- Alkaline foam cleaner with active chlorine
- Safe for light metals



Shureclean Plus

- Safe for all types of surfaces (including aluminum)
- Versatile and economical to use. Suitable for hand washing



EnduroUniphase

- Alkaline thixofoam cleaning agent with increased surfactant content
- Effective in removing tough stains



Divosan SaniPerfect

- Preparat myjąco-dezynfekujący bez amin czwartorzędowych
- Polecany do jednostopniowego mycia i dezynfekcji podłóg, ścian, sprzętu



Divosan Activ

- A cleaning and disinfecting agent free of quaternary amines
- Recommended for single-stage cleaning and disinfection of floors, walls, and equipment



Divosan Forte

- A disinfectant based on 15% peracetic acid
- The strong oxidizing properties help remove dirt and deodorize



Deosan Acidophy

- Acidic cleaning and descaling agent
- Low-foaming, even when used under high pressure



Divosan Viragri Plus

- A disinfectant with bactericidal, fungicidal, and virucidal properties.
- Effectively combats fungi and molds

Mobile OPC equipment

We offer a full range of equipment for cleaning surfaces of farm and production buildings that ensure that foaming, disinfecting and rinsing agents are applied in the most efficient and accurate manner possible throughout the plant. Our solutions have been developed in accordance with the highest hygiene standards. They can be selected to meet the specific requirements of the plant and budget.

Voyager Mobile Cleaning Unit

The Voyager mobile cleaning unit is ideal for cost effective, multi-room, open plant cleaning operations where there is a high degree of soil and portability is key. Voyager is an all-in-one system that allows for boosted pressure rinsing, foam application, and sanitation to be performed. This stand-alone mobile cleaning unit is available in two different capacities (150 and 300 PSI), with or without a built-in compressor.

Voyager is a highly flexible unit that can be optimized to fit and clean multiple environments. The boosted pressure model is able to incorporate a number of optional accessories:

- Handle mounted manual hose reel
- Range extender (30ft) foaming nozzle
- Triple and single rotation floor brush
- Hand-held rotating brush
- Large diameter (3"-16") pipe cleaning nozzle.

Voyager Benefits

- Multi-stage stainless steel centrifugal pump, water lubricated, mounted in a stainless steel housing. Reach extension foaming nozzle (9 meters)
- No routine pump servicing required
- Built-in temperature sensor protects against water overheating
- Safety interlock ensures that the pump does not start automatically after a power failure or problem
- Two outlets, one for rinsing and foaming, the other for disinfectant
- Integrated oil-free air compressor (on selected models).



Mobile OPC equipment

MP2 mobile fogger

Mobile fogger made of stainless steel, powered by compressed air. Equipped with a shut-off ball valve and an air pressure regulator. The fogger is equipped with two pneumatic nozzles powered by compressed air, which suck the solution directly from the tank, with the possibility of adjusting the angle of spraying the liquid.



Manualne systemy myjace OPC

Manual Centralized OPC

Manual centralized OPC is optimal for plants where concentrated chemicals are not allowed inside the process rooms. In a centralized configuration, all chemicals are pre-diluted in a separate, isolated chemical room and distributed through a series of pipelines. In the chemicals room, the rinsing water pressure is boosted by means of a multi-stage pump. Each satellite OPC unit will receive pre-diluted cleaning foam, pre-diluted sanitizer, and boosted pressure water.

Advantages:

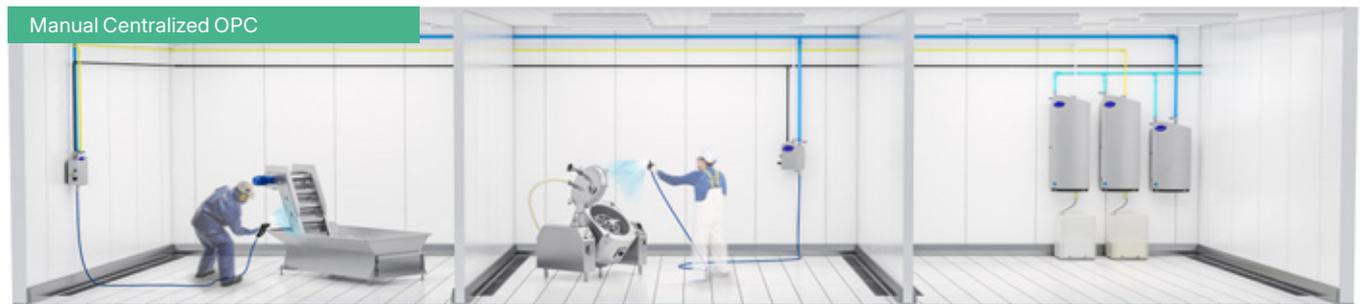
- No concentrated chemical in the room
- Compliant with plant regulations and legislations
- Chemical dilution done in a confined room, no chance of tampering.

Manual Decentralized OPC

Manual decentralized OPC is a cost-efficient solution, suitable for plants and processes where it is possible to have a concentrated chemical jerrycan at the bottom of each satellite unit. In this configuration, plants have a single water booster unit distributing boosted water to each satellite. The chemical (cleaning foam and sanitizer) is diluted on site, introduced and dosed by means of a venturi.

Advantages:

- Lower investment
- Higher flexibility with the possibility of having different chemical and/or concentration at each satellite.



Professional cleaning products



ProFormula - Trusted brands for professionals

Unilever and Diversey have joined forces to deliver Pro Formula, a full range of professionally formulated cleaning products, combined with trusted Unilever brands such as Omo, Cif and Domestos.

Products from the Pro Formula line are very strong and effective preparations that will help you get rid of even the heaviest dirt. For this reason, they can be used to quickly and easily remove greasy stains in the kitchen, dirty bedding or unblock a clogged sink. Our products are also perfect for cleaning joints, wooden floors, stoves, grills and other usable surfaces.



- Convenient ready-to-use products and concentrates
- Preparations for kitchen areas
- Laundry preparations
- Preparations for common surfaces
- Neutralization of unpleasant odors (O.N.T.)
- Odorless disinfectants safe for surfaces in contact with food



Cif Glass & Multisurface Cleaner

Ready to use on windows and interior surfaces including mirrors, tables and other hard surfaces.



Cif Professional Washroom 2in1

A preparation that effectively removes scale, dirt and soap residue from waterproof surfaces in toilets. Leaves shiny surfaces and a fresh scent.



- Cif Professional 2in1 Cleaner Disinfectant

A preparation for cleaning and disinfecting all surfaces in contact with food in one step.



Sun Professional All in 1 Tablets

Concentrated, high-performance dishwasher tablets, specially designed to remove dirt in all water conditions.

Professional cleaning products



OMO Professional

Specially developed washing powders and liquids, including disinfectant powders, that meet the most demanding professional applications.



Domestos Professional

A wide range of special Domestos products created for professional use - disinfecting, cleaning and whitening products, products for removing mold from joints, blocks for toilets and urinals, as well as products for unblocking pipes and drains.

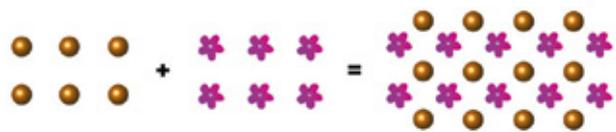
Good Sense air freshener line

- Patented technology unique to the Good Sense system. Destroys unpleasant odors at the source.
- Neutralizes odors. Refreshes the air.
- Effective against a variety of odors including pet odors, urine, smoke and mold.
- Available as manual air fresheners and in the form of automatic dispensers.



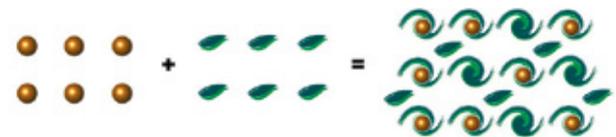
O.N.T.

Neutralization Technology
Unpleasant Odors



Particles of unpleasant odor

Fragrance molecules



Cząsteczki nieprzyjemnego zapachu

O.N.T. particles

Personal hygiene



Soft Care

Everyone has high expectations when it comes to personal hygiene cosmetics. To meet expectations, we have introduced the Soft Care product line to the market, which meets all the needs of our customers. High-quality products, skin-friendly and comfortable to use, guarantee effective body care, skin protection and disinfection. The multitude of available packaging forms allows you to choose the solution best suited to a given area of application.



IntelliCare - The complete and intelligent hand hygiene solution



IntelliCare system dispensers

- Patented hybrid dispensers with touchless and manual dispensing options
- Large window ensuring excellent visibility of the product and its contents
- Versatility – the dispenser works with products in the form of liquid, gel and foam
- Possibility to choose the dose size



Refills for IntelliCare system dispensers

- A wide selection of available products – scented and unscented soaps, disinfectants, foam products – which can be freely replaced
- The cartridges empty completely, so there is no product loss
- The special design of the cartridge prevents the dispenser from leaking and jamming

SURE Hand Wash - the power of nature for safe and sustainable cleaning

SURE Hand Wash products are part of a unique range of products based on ingredients of plant origin, 100% biodegradable, intended for everyday, professional cleaning and personal hygiene.

SURE personal hygiene products include soaps, antibacterial preparations in the form of liquid and foam.



TASKI – Room hygiene



The easiest way to a perfect facility care

Diversey chemicals are superior on their own and when combined with our machines give you the best possible solution.

Machines & Equipment

TASKI devices are a line of professional cleaning devices, which include vacuum cleaners, hand-held carpet and floor scrubbers, backpack vacuum cleaners, self-propelled scrubber-collecting machines and many other devices. It doesn't matter whether you are looking for a professional machine for cleaning social rooms in your company or production and breeding rooms - in the TASKI line you will find a device perfectly suited to your needs.



Chemical cleaning products and accessories

TASKI is not only machines and equipment, it is also a wide range of specially developed products for floors and flat surfaces, as well as a wide range of accessories that help maintain perfect hygiene.



Floor



Surface



Glass



Mops and Microfiber Cloths



Mobile work stations

Specialised products

Special applications require specialized products, the development of which is supported by years of experience and the greatest application knowledge in the sector. Regardless of the complexity of the hygiene application, Diversey has the product, knowledge and specialists who can help you overcome even the biggest challenges.

QFM dispensers

The QFM dosing system is used to prepare working solutions from concentrated chemical products. The device is more reliable and comfortable in operation than other comparable systems of this type available on the market.

The system works without external electricity supply and can be connected to cold and hot tap water.



Anti-foam preparations

Our offer includes a wide range of anti-foaming products that can be used in food contact and purely process environments.

Chlorine dioxide

Generators and components for producing chlorine dioxide and ready-made chlorine dioxide solutions, which can be used for drinking water sanitization and disinfection.

Products without quaternary amines

More than ever, consumers pay attention to issues related to healthy eating and the composition of products listed on the label. They often want to learn more about the production process and what is in the food they eat.

In response to the growing demands of consumers, but also of legislators who are introducing increasingly restrictive requirements regarding residues, we have created an innovative line of products without the content of quaternary amines.



Diversey solutions and products don't end here – contact our representative to learn about solutions to your hygiene and biosecurity challenges.



To learn more about how Diversey a Solenis Company can help your toughest challenges and more, please visit [solenis.com](https://www.solenis.com)