

CLEANING DETERGENTS AND DISINFECTION



AGRICULTURE

NOVADAN[®]
Innovators in Cleaning

Milking systems - robot/conventional - Udder care - Surface cleaning - Disinfection -
- Hygiene powder - Slurry additive - Hoof care - Drinking water hygiene - Personal hygiene -
Laundry - Cleaning of vehicles



All about hygiene

- All about hygiene.....3
- Milking systems - robot.....4
- Milking system - conventional.....5
- Udder care.....6
- Surface cleaning.....8
- Disinfection.9
- Hygiene powder.....10
- Slurry additive.....12
- Hoof care.....13
- Drinking water hygiene.....14
- Personal hygiene.....15
- Laundry.....16
- Cleaning of vehicles.....17
- Why choose Novadan.....18
- From Farm to Fork.....19

QUALITY



IF THE ANIMALS COULD CHOOSE....!

HYGIENE

OPTIMAL HYGIENE FROM FARM TO FORK



To ensure efficient production and a safe level of hygiene, it is essential that cleaning and hygiene processes are properly managed.

A high level of hygiene increases the quality of both production and products. It is both better and much cheaper to prevent than to restock.

By choosing Novadan as your supplier you will receive the advice on cleaning and disinfection you require as well as help with work schedules.

You can take advantage of Novadan’s many years of experience meeting the requirements of animal production ensuring that you use the best possible agents in the various areas of your cleaning plan.

It is important to keep bacteria, spores, fungi and viruses under control and it is essential that suitable quantities of chemicals are used for the purpose.

Safety precautions must be taken seriously when using. This is also an area in which Novadan offers support.

MILKING SYSTEM ROBOT

Naturally, thorough and effective cleaning of the milking system is very important to the quality of the milk, which is the raw material that the milk producers deliver to further processing in the dairy. Furthermore, the cleaning is also very important in order for the farmer to be able to obtain the optimal price for the milk.

In order to obtain the best result, it is important to choose the right product to the specific task and to use the product according to directions. Equally a number of physical and technical factors such as the construction of the milking systems have a significant influence on the final result.



PRODUCT	APPLICATION - CLEANING
TRIODAN	Alkaline chlorine free product for cleaning of all types of milking systems. It is used in a solution of 0.5 %.
TRIODAN EXTRA	Alkaline chlorine free product for cleaning of all types of milking systems. It can be used in high water hardness situations and where the wash water is reused. High content of complex binders. It is used in a 0.5 % solution.
CIP ALKA 95	Effective alkaline product for all types of milking systems. The product has a very complex composition but does not contain chlorine. It is used in a 0.5% solution. Can be used at high water hardness.
PERFECT ALKA	Alkaline chlorine containing product for cleaning of most types of milking systems. It is used in a 0.5 % solution. It can be used in certain types of milking robots. Perfect Alka must never be mixed with acid.
VIP 1	Alkaline product containing chlorine for circulation cleaning of most types of milking systems. It can be used at high water hardness and as troubleshooter against difficult dirt. It is used in a 0.5 % solution. It can be used in certain types of milking robots. Vip 1 must never be mixed with acid.
VIP 3	Alkaline chlorine containing powder product for certain types of milking systems. Contains a broad spectrum wash active substances. It is used in a 0.5 % solution. It can be used in all systems, which are designed for powder and tolerate chlorine. Vip 3 must never be mixed with acid.

MILKING SYSTEM CONVENTIONAL



**IMPORTANT:
Never mix
acid and
chlorine**

PRODUCT	APPLICATION - ACID/DESCALING
F 60 +	Liquid acid product for use in all types of milking systems and cooling tanks. Contains sulphuric acid. Is used in a 1 % solution. It can be used in cold water. F 60+ must never be mixed with products containing chlorine.
ACIR	Liquid acid for use in all types of milking systems. Contains nitric acid and phosphoric acid. Is used in a 0.5 % solution. Acir must never be mixed with products containing chlorine.
ACID EXTRA	Liquid acid for use in all types of milking systems and cooling tanks. Mainly based on phosphoric acid and surfactant for extra effectiveness. It is very effective against calcium scale build up. It is used in a 0.5 % solution. Acid Extra must never be mixed with products containing chlorine.
VIP 2	Liquid acid for use in milking systems. Based on nitric and phosphoric acid among other things. It is used in a 0.5 % solution. Vip 2 must never be mixed with products containing chlorine.
VIP 4	Acidic powder product for certain types of milking systems. Based on Sulfamic acid. It is used in a 0.3 % solution. Vip 4 must never be mixed with products containing chlorine.
OXIVIT AKTIV PLUS	A liquid cleaning agent and disinfectant based on peracetic acid and hydrogen peroxide. It can be used for cleaning and disinfection of brushes and other preparatory equipment of milking robots.



Use biocides safely. Always read the label and product information before use.

UDDER CARE



UDDER HYGIENE BEFORE MILKING

Before milking, a thorough cleaning is extremely important as it can help prevent the development of both germs and spores in the milk. It is also very important to use agents which take care of the sensitive cow teat skin.



PRODUCT	APPLICATION - BEFORE MILKING	BEFORE MILKING
VIRI WASH	Is used for washing of teats and udders before milking. Good and gentle cleaning and washing power as well as caring effect on the teat skin. Is used in a solution of 0.5 % with milking cloths. Can be used as fabric softener in washing machines.	
VIRI FOAM	Is used for cleaning and wiping of teats and udders before milking. Very effective cleaning power and caring effect. Ready to use in concentrated form. Is used in foam cup or sprayed on the udder.	

UDDER CARE

PRODUCT	APPLICATION - AFTER MILKING	AFTER MILKING
YVERHYGIEJNE, PLEJE OG DESINFEKTION		
NOVA LIN	Liquid teat spray/dip. High content of chlorhexidine and moisturizing and softening ingredients. Contains insect repellent. Nova Lin is ready to use.	
NOVA DIP	Concentrated teat spray/dip. Based on PVP iodine. It contains glycerin, which is softening and gentle on the teat skin. Nova Dip is diluted before use with 1 part Nova Dip to 4 parts of water.	
JOPO SPRAY	Liquid teat spray/dip. Based on PVP iodine plus softening and moisturizing ingredients. Jopo Spray is ready to use.	
NOVA DIP SPRAY 3000	The product is used as dip or spray after milking. Nova Dip Spray 3000 has a high content of PVP iodine and also contains glycerin, which softens the teat skin. The product improves milking hygiene and reduces the risk of spreading pathogenic microorganisms.	
JOPO WINTERSPRAY	Broad-spectrum teat spray/dip. Based on PVP iodine (3000 ppm) and special oil emulsions with Aloe Vera and additional skin caring ingredients. Well suited for use in frost periods but can of course also be used throughout the year. Jopo Winterspray is ready to use.	
NOVA DIP BARRIERE	Barrier teat dip. Based on both PVP iodine. It has a high content of glycerin. Contains allantoin which encourages the natural healing of the skin. Nova Dip Barriere is ready to use.	
JOPO FILM	Fat barrier teat dip. Based on PVP iodine (3000 ppm). High content of moisturizing and caring ingredients plus allantoin which encourages the natural healing of the skin. This product is particularly good in critical periods around drying off and calving. Jopo Film is ready to use.	
NOVA LA SPRAY	Liquid teat spray. Based on lactic acid. Visible orange colour. Contains softening and moisturizing ingredients. Nova La Spray is ready to use.	
NOVA FD	Fat barrier teat dip. Based on lactic acid. Visible green colour. Significant content of softening and moisturizing ingredients. Nova FD is ready to use.	
VIRI TE SPRAY	Liquid teat spray. Based on lactic acid and oils. Visible red colour. Contains softening and moisturizing agents. Viri Te Spray is ready to use.	
VIRI TE DIP	Fat barrier teat dip. Based on lactic acid and oils. Contains softening and moisturizing ingredients. Viri Te Dip is ready to use.	
VIRI BARRIERE DIP	Liquid teat spray. Based on oil emulsions and has a high content of other softening ingredients and allantoin. Is ready for use and leaves a visible white film on the teats.	
YVERHYGIEJNE OG PLEJE		
VIRI LUX	Liquid teat spray based on oil emulsions and the product has a high content of skin softening ingredients and contain allantoin. The product is ready to use.	
VIRI SUN	Liquid teat spray based on oil emulsion and contains many skin caring ingredients. As a speciality Viri Sun contains sun factor and is ready to use.	
NOVAMYNTE	Novamynte has a warming effect and - together with massage - increases blood circulation, which provides natural a soothing / healing effect on the muscles, joints and inflamed glands etc.	

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AFTER MILKING

UDDER HYGIENE AFTER MILKING

After removal of the teat cups we recommend use of teat dip or spray. It is important carry out the disinfection of the teat as soon as possible after the milking cluster has been removed..

Generally, the skin softening effect of the udder hygiene agents is crucial. Skin in good condition without wounds and scratches is less likely to become infected. Furthermore, it should not be underestimated that the well-being of the cows also is important to the production results in the long term.



SURFACE CLEANING

DISINFECTION



PRODUCT	APPLICATION
DES FOAM PAA	Foaming liquid disinfection for use on trucks, stables, production rooms and more. Based on peracetic acid and hydrogen peroxide. Apply as foam with cold water. Recommended dosing on surfaces 1-10%.
OXIVIT AKTIV PLUS	Liquid cleaning and disinfection for pipe systems, water treatment and for use in certain types of milking robots. Based on peracetic acid and hydrogen peroxide. Recommended dosing on surfaces 1.5 – 2%.
DESINFECT GLUTAR ACTIVE	Disinfection for both manual and fogging treatment in empty stables. Based on glutaraldehyde and QAC. Recommended dosing on surfaces 1.5 – 2%. For fog disinfection 33.3% is recommended.
DESINFECT O	Broad spectrum disinfection in tablet form for stables with or without animals, transportation equipment, footbaths and more. Based on potassium monopersulfate and other ingredients. Effective against a wide range of bacteria and viruses, swine and avian flu, parvo virus and swine fever. Mix: 1 tab for 10 liters of water.
KLORTABS	Broad spectrum chlorine disinfection in tablet form for general use. 1 tab to 10 L of water.

PRODUCT	APPLICATION
NOVACLEAN	All-round liquid foam cleaning agent that can be used for tools, machines, tractors and in stables and many more applications. It can be used manually or applied as foam through high and low pressure systems. Dosing at 1-5 % depending on the task. This product can be used on aluminium.
FOAM 30	Foam 30 builds a strong and stable foam on all surfaces and effectively dissolves fats, carbohydrates and proteins. Dosing at 1-5% depending on the task. Foam 30 can be used on alkali-sensitive surfaces such as aluminium.
FOAM 32T	Foam cleaning which effectively dissolves fat and protein deposits. It is used in stables where heavy soiling occurs. Dosing at 2-5 % depending on the task. Can with caution be used on aluminium.
FOAM 19T	Acid foam cleaning with cleaning effect for descaling and removal of calcium coatings. It can be used on trucks, stables, production rooms, tiled walls and more. Recommended dosing is between 2-5 %.

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In order to keep the general level of infection to an acceptable level it is very important that surfaces in pig and poultry stables, cow and calf sheds are thoroughly washed and disinfected regularly. It is a very reasonable investment of working time and money...ask Novadan! We gladly help with good advice and help produce an action plan.



HYGIENE POWDER

ASK FOR
TEST
RESULTS!

HYGIENE POWDER

DOSAGE: Nova X-Dry is dosed with 50 gram pr. m², 1 – 4 times a week depending on the size and type of stable.
When using for the first time apply 4 times in the first week.

Mink

- In the mink nesting boxes.
- In cages to ensure a drier environment, also in the breeding period.
- In walking areas, under cages and in slurry environments.

Horses

- Everywhere in the horse stable.
- Take care not to put product in the drinking bowl.

Pigs

- On resting places.
- In areas with piglets.
- Eating and drinking places.

Cattle

- In sleeping boxes and in connection with all resting areas, be aware of dosing under the udder.
- Everywhere in the calf and young stock boxes.

Poultry

- The whole floor area.
- Around drinking areas.
- In nests and cages etc.

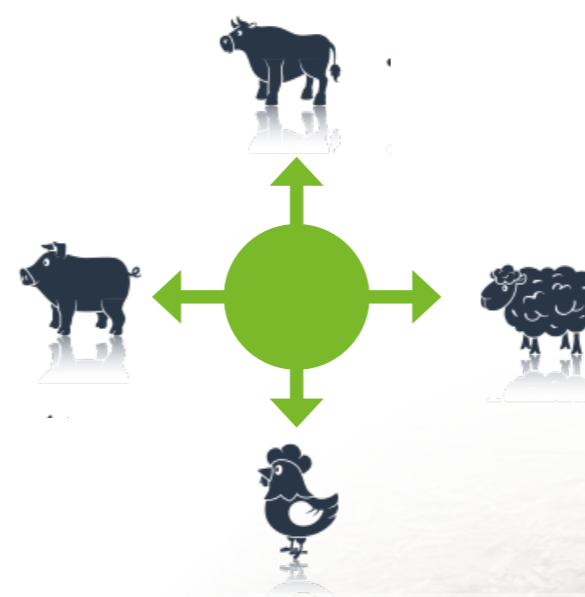
Sheep and goats

- In resting areas and especially around drinking bowls.



Nova X-Dry is a hygiene powder which is used in stables for cattle, pigs, sheep, horses, mink and poultry.

Can be used for moisture absorption and the reduction of the bacteria infection in housing of all animal species.



PRODUCT	APPLICATION	PACKAGING SIZES
NOVA SANI	The good basic product that absorbs and controls the bacteria level.	25 kg plastic bag 1000 kg big bag
NOVA X-DRY	"King of hygiene powder"! An outstanding ability to absorb and a significant influence on the control of bacteria. The product is praised for its low dust level and for its general easy handling.	15 kg plastic bag 25 kg plastic bag 1000 kg big bag
ECO X-DRY	Approved for use in organic farming. Absorbs and controls the bacteria level and it is easy to handle. Can be used in organic farming according to Council Regulation 834/2007 and Commission Regulation 889/2008.	15 kg plastic bag

- Great absorption ability (up to 200% of the net weight).
- Gives a very dry environment around the animals reducing the risk of infection is reduced due to the special composition of the product.
- Contains biological ingredients which hinder the living conditions for bacteria in the stable.
- Almost neutral pH-value of 7.7 and is not aggressive to the skin, joints, udder or other parts.
- Improves the air in the stable and stabilizes ammonia vapours.
-and many other advantages

SLURRY ADDITIVE

Nova Optimizer creates added value and the odour is significantly reduced. Slurry management is made easier and the crops receive a more uniform fertilizer. Farmers are able to achieve more economical production.

Benefits for bio-gas production

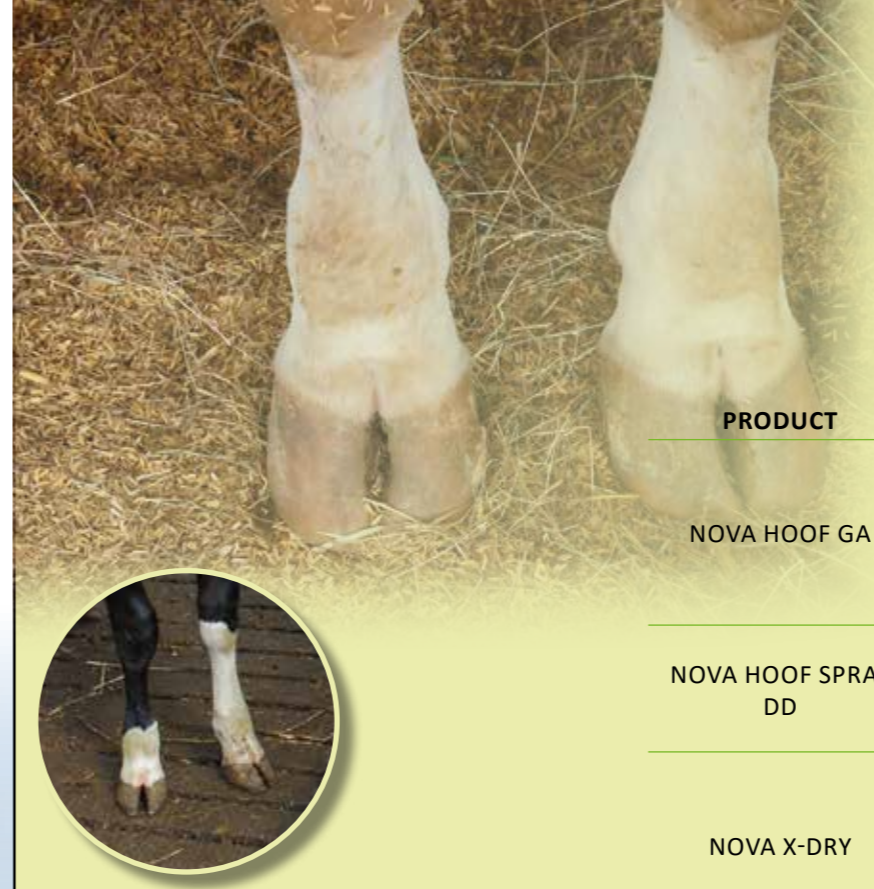
- Boosts gas production by up to 10%
- Easier agitation of the biomass
- Less sediment in the production tank
- Easier agitation of the reception pit and storage tanks
- Floating crust on storage tanks
- Less odour from the storage tanks
- More fertilizer available for crops

Agricultural benefits

- Binds up to 1.2 kg NH₃ per tonne of slurry
- More homogenous mass
- Floating crust on the slurry tank
- Easier handling
- Less nuisance odour – binds NH₃
- Facilitates work processes
- Stir only once every 24 hours



HOOF CARE



PRODUCT	APPLICATION
NOVA HOOF GA	Complex compound of ingredients for cleaning and disinfecting the hoofs of cattle, sheep and other farm animals. Contains glutaraldehyde and allantoin and other ingredients. It is used in a 2 – 5 % solution in hoof baths. Always keep the hoof bath as clean as possible and change solution regularly. The best results are obtained with preventive efforts.
NOVA HOOF SPRAY DD	Compound agent for direct spray on hoof problems on cattle and sheep and other farm animals. Based on lactic acid and caring compounds among other ingredients. It is ready for use.
NOVA X-DRY	As dry hoof bath Nova X-Dry has proved to be very useful. The optimal bath is two successive hoof baths where the first one is filled with clean water and possibly added detergent. Followed by a second bath filled with approximately 10 cm Nova X-Dry. Switch regularly to purely Nova X-Dry. Switch regularly to purely Nova X-Dry.
ECO X-DRY	Similar to use as Nova X-Dry (see above) but for organic farming. Can be used in organic farming according to Council Regulation 834/2007 and Commission Regulation 889/2008.

The hoof problem is very complex. Our best recommendation is to carry out preventive measures as often practical. The cleaner the hoofs the fewer problems. Hoof baths have to be clean. The solution should be changed more often than you think.

Use biocides safely. Always read the label and product information before use.



DRINKING WATER HYGIENE

Where to use

Oxivit Aktiv Plus and Oxidan Extra can be used in water pipes for cleaning and disinfection. In small quantities, Oxidan Extra can be added to drinking water as well.

Advantage

Cleaning and oxidizing of the biofilm in the pipe system. + disinfection effect + lowering of pH level

Cleaning

If it is possible to keep the animals from drinking the following procedure can be recommended:

- Fill up the pipe system with a water solution of 2-3 % of Oxivit Aktiv Plus.
- Keep the solution in the pipe system for 2-4 hours.
- Thereafter empty the system and flush it with clean drinking water before allowing the animals to continue drinking

Disinfection

For regular and preventive cleaning and disinfection of drinking water 2-3 dl of Oxidan Extra can be added per 1000 litre of water. This will help preventing new biofilm from establishing and will help lower the pH level

Dosing Unit

When adding to drinking water a little dosing unit (Dosatron could be one example) can be used. If this is the case a solution with 2-3 % Oxidan Extra should be prepared in a can, drum or tank etc. From there the dosing system should pump the pre-made solution directly into the drinking water flow and this unit should be set to 1 %. (That means, that from the first pre-made solution 10 litres should be added per 1000 litres of drinking water.)

OBS: Novadan will definitely recommend that Oxidan Extra is not added to drinking water together with any other liquid supplement such as vitamins, minerals or medication etc.

PRODUCT	APPLICATION
OXIVIT AKTIV PLUS	Oxivit Aktiv Plus can be used for regular and preventive cleaning and disinfection of drinking water.
OXIDAN EXTRA	Oxidant Extra can continuously be added to the drinking water. 2-3 dl of Oxivit Aktiv Plus is added per 1000 litre of water. This will help preventing new biofilm from establishing and will help lower PH level.
KLORTABS	When added to drinking water use one Klortabs per 200-400 liters of waters to achieve an active chlorine content of 10 ppm and 5 ppm.



PERSONAL HYGIENE

PRODUCT	APPLICATION
MIKO PEARL CREAM SOAP	MIKO Pearl Cream Soap is a liquid hand soap with perfume. The soap provides a mild and creamy foam and does not dry the skin.
MIKO SOFT CREAM SOAP	MIKO Soft Cream Soap is a liquid handsoap free from colour and perfume.
MIKO PEARL HAIR & BODY	MIKO Pearl Hair & Body Foam is suitable for all types of hair and skin. MIKO Pearl Hair & Body Foam is mild and fragrant and even small amounts produce a thick creamy foam which leaves your hair soft and shiny.
COMBI DES 85%	Combi Des 70% is used where a thorough, effective and long lasting hand disinfection is required.
BISTRO MANU F 340	Bistro Manu F 340 is a washing-up liquid for manual dishwashing. Bistro Manu F 340 is a concentrated washing-up liquid with fat dissolving properties.
BISTRO POWDER 743	Bistro Powder 743 is well suited for dishwashing of plates, alu, glasses and cutlery in small industry and household dishwashers.
LIME 374	Lime 374 is used for descaling of coffee machines, washing machines and dishwashers. Lime 374 effectively removes lime residues.



ACCESSORIES

ITEM NO	PRODUCT
23199	TEAT DIP CUPS FOR FOAM (ORANGE)
96819	TEAT DIP CUPS WITHOUT BACKFLOW (BLUE)
41378	MEASURING CUP 1 LITER
41375	DOSING PUMP FOR 5 LITER CAN
41385	DOSING PUMP FOR 20 LITER CAN
41409	HILLS PUMP FOR 200 LITER DRUM
41393	INTERMEDIARY TO PUMP FOR 200 LITER DRUM



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LAUNDRY



PRODUCT	APPLICATION
TEX POWDER 150	Tex Powder 150 is well suited for washing of all types of white and light colored textiles at 60-90 °C. Contains bleaching agent which gives a light bleach from approx 70 °C and a stronger bleach with higher temperature.
TEX POWDER WHITE NP 156	Tex Powder White NP 156 is a textile washing powder without phosphates. Tex Powder White NP 156 contains enzymes which dissolves proteins and starch already at low temperatures and whitener which whitens coloured spots from food and drinks at 50-70°C (the higher temperature the stronger whitener).
TEX LIQUID ENZYME 758	Tex Liquid Enzyme 758 is suitable for machine washing in soft as well as hard water at 30-60°C of all kinds of textiles. Tex Liquid Enzyme 758 can be used at washing temperatures up till 95°C. Tex Liquid Enzyme 758 is suited for soaking and handwash.
TEX BLEACH 759	Tex Bleach 759 is used for whitening of coloured spots from food and drinks on all white and coloured textiles. MAY NOT be used on wool and silk. Tex Bleach 759 must be used with a basic washing detergent. Whitens effectively at 60-90°C
TEX SOFTENER F 351	Tex Softener F 351 is a concentrated liquid fabric softener with antistatic effect.



CLEANING OF VEHICLES



PRODUCT	APPLICATION
AUTOSHAMPOO	Auto shampoo with double effect to be used in all types of automatic carwash installations. Removes ordinary road dirt, traffic film and insects. Does not attack normal car paint and helps keep the brushes clean.
BLANCO WASH	Car shampoo with double effect to be used in all types of automatic carwash installations. Has a great washing effect and easily removes common traffic film and dirt. Leaves a shining and dirt-repelling surface.
BLANCO WASH FR	Car shampoo with double effect to be used in all types of automatic carwash installations. Has a great washing effect and easily removes common traffic film and dirt. Leaves a shining and dirt-repelling surface with fragrance.
NOTRA ALKA 20	Used for degreasing and cleaning of trucks, containers, tractors, workshop floors and for the cleaning of glassfibre boats, camping vans etc. Notra Alka 20 has good fat and oil emulsifying properties and is not corrosive to aluminium.
NOTRA ALKA PLUS	Notra Alka Plus is used for washing/ degreasing of heavy duty surfaces on tank trucks, containers, tarps and coachworks. Notra Alka Plus has good fat and oil emulsifying properties and is especially efficient for removing the complex soils deposits that occur during wintertime.
MELKYLEN 755	Universal degreasing liquid. Effectively dissolves oil and fat on motors, machine parts, car chassis and underside and workshop floors.

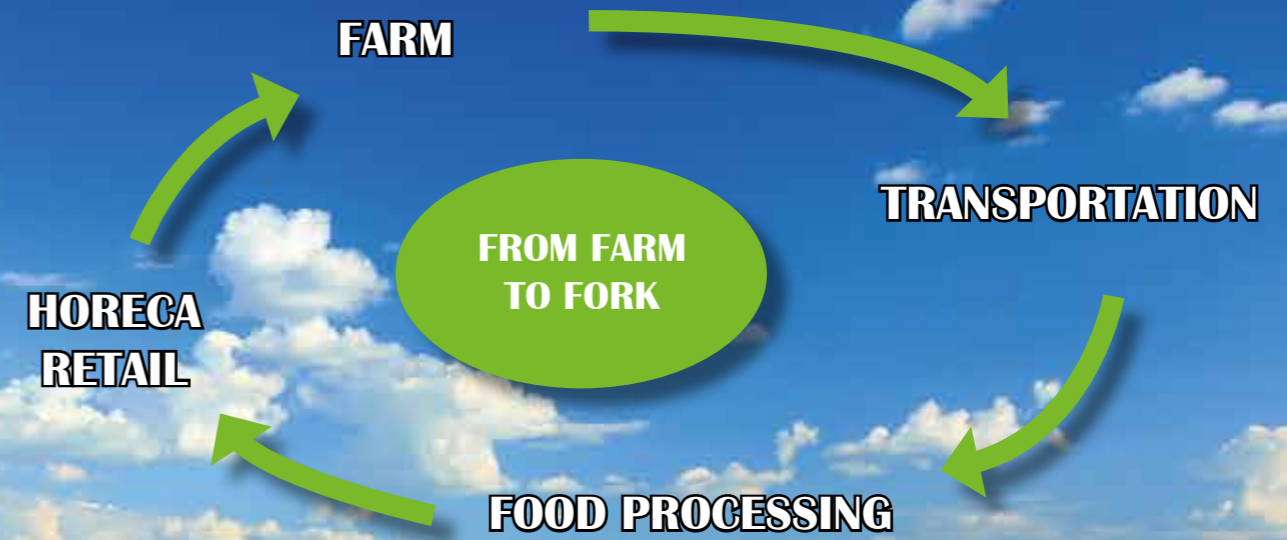


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CHOOSE NOVADAN BECAUSE

- SOLUTIONS —NOT JUST PRODUCTS!
- HIGH QUALITY PRODUCTS
- LARGE PRODUCT RANGE TO COVER ALL TASKS
- FLEXIBILITY LOGISTIC SOLUTIONS
- OPTIMISATION FOR THE BENEFIT OF CUSTOMER OUTPUT
- REGISTRATION OF BIOCIDAL PRODUCTS

FROM FARM TO FORK



Novadan's biocidal products are registered in a large number of EU-countries and for that reason, these disinfectants are approved for sale in the EU.

Novadan makes sure that the cleaning and disinfection processes are optimised in all steps - from farm to fork.

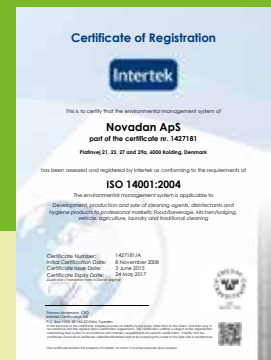
Our solutions and product range cover all areas.

FOR ALL ANIMAL HUSBANDRIES



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Innovators in Cleaning

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About Novadan

Novadan is one of the largest companies in the cleaning and disinfectant market in Scandinavia and growing into new export markets.

We develop and manufacture cleaning detergents, disinfectants and personal hygiene products.

We deliver cleaning solutions to a broad range of industries.