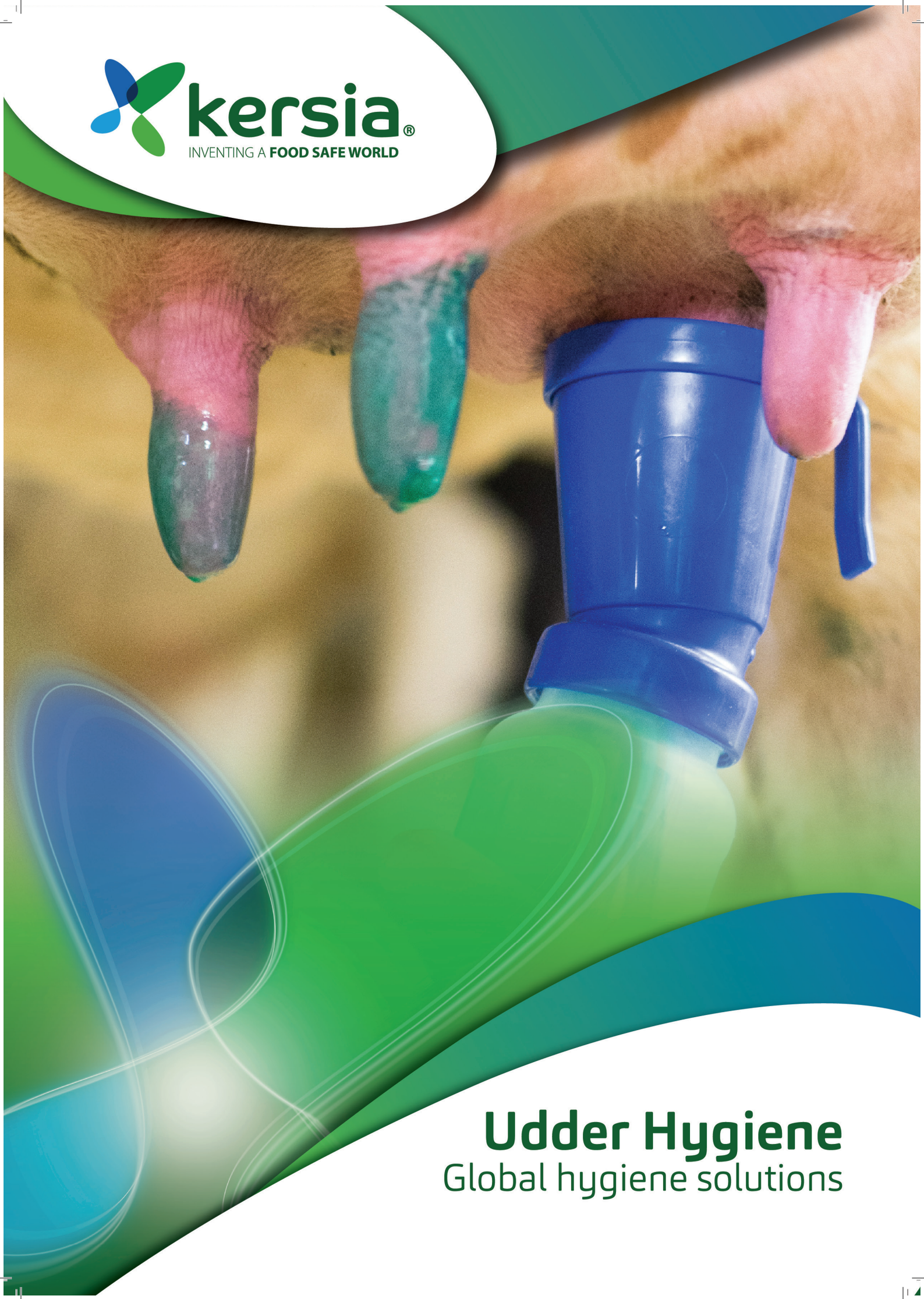
kersia®
INVENTING A **FOOD SAFE WORLD**



Udder Hygiene

Global hygiene solutions

Contents

Udder Hygiene Active Ingredients

L(+) Lactic and salicylic acid

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.

Chlorhexidine Gluconate

Chlorhexidine Gluconate (CHG) is proven to be an effective organic compound to reduce bacterial contamination on the teat.

Glycolic & Lactic Acid

An innovative combination of 2 active substances : L (+) lactic and glycolic acids. L (+) lactic known for its humectant, emollient and softening actions. Glycolic acid acts on surface layer to exfoliate dead cells.

Chlorhexidine & Lactic Acid

A combination of L (+) lactic acid and Chlorhexidine Gluconate (CHG). The combination of these two organic active ingredients creates a synergistic effect enhancing their individual benefits to further reduce the risk of environmental mastitis.

Mastitis Control

Protect Your Herd From Mastitis

The greatest risk period for mastitis is around calving and during the first 30 days of lactation when cows are at their most vulnerable.

At this stage, immunity is naturally suppressed when facing a negative energy balance and metabolic challenges such as milk fever can leave teat canals open to infection.
Added pressures like management changes, high yield and udder fill, or concurrent diseases such as metritis all heighten the risk.

Mastitis in early lactation is not only more costly but also more damaging to overall herd health and productivity, so it is vital to hit it hard, early.

How Kersia Can Help Reduce This Risk:

Environmental management –	Clinically proven disinfectants and absorbent antiviral bedding conditioners.
Pre-milking teat disinfection –	Recommended as a dip rather than a spray for best coverage.
Milking machine hygiene –	Ensure parlours have efficient cleaning routines and perform a final flush with peracetic acid
Post-milking teat disinfection –	Apply a potent barrier dip to protect teat canals between milkings.
Gold standard routines –	Especially for cows most at risk in early lactation.
Expert support –	Contact the Kersia Ruminants team for tailored guidance to reduce mastitis risk

Scan for More Info

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 hydratation and disinfection

- Disinfecting teats immediately after milking is part of the programm 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.

Pre-Milking

A high pathogen load is a clear risk to the contamination of milk, this is amplified if there is an inadequate pre-milking routine. 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.

Pre-Milking Products

SALY-WIPES XL

LSA

Pre-milking disinfectant wipes for a quick and gentle teat preparation.

Advantages

- Pre-impregnated with LSA complex (L(+) lactic & salicylic acid) for effective disinfection against bacteria, yeast and enveloped viruses
- Soft, extra-large wipes (23×25 cm) ensure gentle contact and full hand coverage
- Ideal for high-throughput milking – convenient, fast and easy to use
- Free from quaternary ammonium compounds
- Leaves skin feeling fresh and conditioned
- Pack size: 3 x 1000

Pre & Post- Milking

Using an effective product that has been designed for optimal performance both pre and post milking can have certain advantages

- **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.

Pre & Post- Milking Products

QUICK SPRAY

LSA

Spray

Ready to use dual application teat spray for efficient disinfection and skin care.

Advantages

- Contains LSA complex (L(+) lactic acid and salicylic acid) plus glycerine, allantoin, and propylene glycol for premium teat conditioning
- Proven efficacy for pre- and post-milking against bacteria, yeast and enveloped viruses
- Compatible with manual sprayers, automatic systems, and milking robots

VIROLAC CONCENTRATE

LSA

Spray

Dip

Concentrated teat hygiene solution for flexible application.

Advantages

- Contains LSA complex (L(+) lactic acid and salicylic acid) for effective hygiene at both stages
- Must be diluted 1:4 (1 part concentrate to 4 parts water)
- For pre- and post-milking use by spraying or dipping
- Enriched with softening, emollient, and moisturising agents
- Dark blue colour ensures strong visibility on teats
- Compatible with robotic milking systems

VIROLAC SPRAY

LSA

Spray

Dip

Ready-to-use spray or dip for visible, versatile teat hygiene.

Advantages

- Contains LSA complex (L(+) lactic acid and salicylic acid) for effective hygiene at both stages
- Suitable for pre- and post-milking use by spray or dip
- Enriched with glycerine and propylene glycol for skin hydration and conditioning
- Highly visible blue colour
- Compatible with robotic milking systems
- Available in 22kg, 220kg & 1000kg pack sizes

BIOLAC PRE-POST

LSA

Spray Foam Dip

Ready to use versatile teat hygiene solution.

Advantages

- Contains LSA complex (L(+) lactic acid and salicylic acid) for effective hygiene at both stages
- For pre- and post-milking use by spraying, foaming or dipping
- Enriched with glycerine and eucalyptus oil for excellent skin conditioning

TRIED • TESTED • TRUSTED

NOVODUAL

LA CHG Spray Foam Dip

Versatile teat hygiene solution for pre- and post-milking use.

Advantages

- Contains L(+) lactic acid and chlorhexidine for effective dual protection
- Suitable for foaming, spraying, or dipping
- High level of emollients for superior teat conditioning
- Visible blue colour for easy identification
- Pleasant menthol scent

NANO DUAL

LA CHG Spray Foam Dip

All-in-one teat hygiene solution.

Advantages

- Contains L(+) lactic acid and chlorhexidine for effective protection
- Can be applied by dipping, foaming, or spraying
- Contains glycerine for excellent skin conditioning
- Visible red colour for easy identification
- Pleasant menthol fragrance

NOVOFOAM

LA CHG Spray Foam Dip

Low-viscosity foam for easy, complete teat coverage.

Advantages

- Contains L(+) lactic acid and chlorhexidine for effective protection
- Can be applied by dipping, foaming, or spraying
- Enhanced with emollients for teat conditioning
- Ensures excellent teat coverage

GLYCOLAC DUO

LA G Spray Foam

Flexible disinfectant solution for dual-use and multi-application teat hygiene.

Advantages

- Combines glycolic acid (exfoliating) and L(+) lactic acid (disinfecting & softening)
- Designed for pre- and post-milking use via foam or spray
- Enriched with glycerine and aloe vera for excellent skin hydration and conditioning
- Light blue colour
- Compatible with manual, automatic applicators, and milking robots

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 hydratant package

Whatever the environmental challenge on farm, Kersia will have an option within our product portfolio. All actives have been researched and efficacy tested in line with regulatory requirements

Post-Milking Products

VIROLAC FILM

LSA

Dip

Post-milking dip with visible coverage and powerful disinfection.

Advantages

- Contains LSA Complex (L(+) lactic acid and salicylic acid) for effective hygiene post milking
- Enriched with glycerol, propylene glycol and lanolin for skin hydration and conditioning
- Contains aloe vera extract
- Optimised formulation for the application of the teats without dripping
- Opaque milking green colour

NOVOSPRAY

LA

CHG

Spray

Dip

Ready-to-use post-milking spray or dip for optimal skin hygiene.

Advantages

- Contains L(+) lactic acid and chlorhexidine for effective protection
- Contains peppermint oil and glycerine to support teat conditioning
- Suitable for spraying or dipping
- Visible blue colour
- Refreshing peppermint scent

NOVODIP

LA

CHG

Spray

Dip

Post-milking dip combining disinfection and teat hygiene.

Advantages

- Contains L(+) lactic acid and chlorhexidine for effective protection
- Formulation to create a long-lasting film formation
- Enriched with emollients for excellent skin condition
- Mint green colour
- Pleasant peppermint fragrance

GLYCOLAC SPRAY

LA G Spray

Post-milking teat spray with exfoliating and hydrating properties.

Advantages

- Combines glycolic acid and L(+) lactic acid for effective disinfection
- Enriched with glycerine and aloe vera for skin hydration, softening, and conditioning
- Light blue colour
- Suitable for manual sprayers, automatic systems, and milking robots

SUMMER C-DIP

CHG Spray Dip

Ready-to-use chlorhexidine teat dip for post-milking application.

Advantages

- High level of emollients and skin conditioning agents for excellent teat hygiene
- Perfect for seasonal teat hygiene routines
- Suitable for spraying or dipping
- Eucalyptus oil fragrance for a fresh, pleasant scent

Disinfectants are regulatory biocides. Use biocides safely. Before use read the label and product information.

Cloth Hygiene & Bedding Powder

DERMISAN +

Dermisan + ensures optimal disinfection of cloths for preparation of the teats before and between milking and preserves the quality of the reusable cloths over the long term (cotton or microfibre re-usable cloths). action.

Advantages

- Bactericidal properties
- Preserves the long-term softness of the cloths
- Pleasant peach scent
- Very economical solution: 0.5% dilution rate

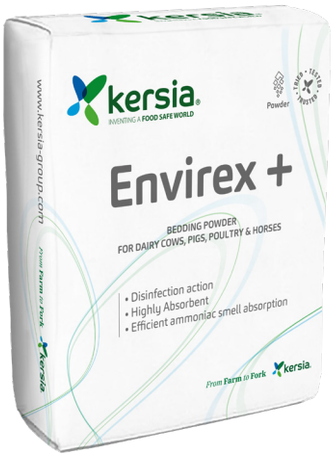
HYPRA'ZUR

HYPRA'ZUR is a powder with effervescent properties that enhances cleaning efficiency through surfactants and provides deep disinfection of cloths

Advantages

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

ENVIREX +



Envirex + is a bedding powder with high absorption performance

Advantages

- Bactericidal efficacy due to composition including VIREX biocidal disinfectant
- Fresh spring aroma: long term smell thanks to aroma powder
- Reduction of ammonia smell due to odour absorbtion
- Easily dispensed manually or mechanically. Avoids clinging to udders
- Strong absorbance capacity

Product Summary Table

Product Name	Concentration	Use Pattern		Application		
		Pre	Post	Dip	Foam	Spray
Lactic Acid & Salicylic Acid						
BIOLAC PRE-POST	RTU	✓	✓	✓	✓	✓
VIROLAC FILM	RTU		✓	✓		
VIROLAC SPRAY	RTU	✓	✓	✓		✓
QUICK SPRAY	RTU	✓	✓			✓
VIROLAC CONCENTRATE	4:1	✓	✓	✓		✓
Glycolic Acid & Lactic Acid						
GLYCOLAC DUO	RTU	✓	✓		✓	✓
GLYCOLAC SPRAY	RTU		✓			✓
Chlorhexidine						
SUMMER C-DIP	RTU		✓	✓		✓
Chlorhexidine & Lactic Acid						
NOVO DUAL	RTU	✓	✓	✓	✓	✓
NOVO SPRAY	RTU		✓	✓		✓
NOVODIP	RTU		✓	✓		
NOVOFOAM	RTU	✓	✓	✓	✓	✓
NANO DUAL	RTU	✓	✓	✓	✓	✓

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