

schülke -†

It's good to be in
caring hands.

Antisepsis with schülke.



we protect lives
worldwide

Our major plus – our hygiene expertise.

schülke →

For over 130 years the focus of our business philosophy has been on one concept: hygiene.

Micro-organisms are an integral part of our environment. For humans, especially those at risk, many of them represent a life-threatening risk. A challenge and responsibility to which our company has been committed for more than 130 years. Our mission „We protect lives worldwide“ forms the basis of all our decisions and our daily work.

Our products protect people and materials from infections and contamination. Prevention plays also a crucial role here, as preventing an infection is much easier than fighting it.

Together instead of alone! When looking for the best solution we focus consistently on partnership. schülke develops products based on specific customer needs and requirements.

With our active substance octenidine, our experts have achieved a milestone in infection prevention which is exemplary for schülke’s innovative ability. Octenidine is the essential component of our successful wound and mucous membrane antiseptic octenisept® and numerous other schülke products.

The active substance octenidine. Antiseptic. Effective. Well tolerated.

Antiseptics for the wound, mucous membrane and skin.

Antiseptics protect injured skin and mucous membrane from infections by eliminating all micro-organisms and pathogens as far as possible. During surgery on the skin and mucous membrane (e.g. incision, puncture) the aim is to reliably prevent intrusion of infectious pathogens into deeper layers of tissue. The same applies to contaminants. Otherwise patients are at risk of sepsis.

The same aim is pursued with wound antiseptics. Here also the antiseptics serve to prevent infections. If an infection has already occurred, antiseptic treatment takes place in the context of wound therapy.

The innovative active substance octenidine, which was developed by in-house research at schülke, was born in the mid-1980s. While searching for an antiseptic agent for the oral mucosa, researchers synthesised octenidine for the first time and discovered the particular efficacy and tolerability of this active substance.

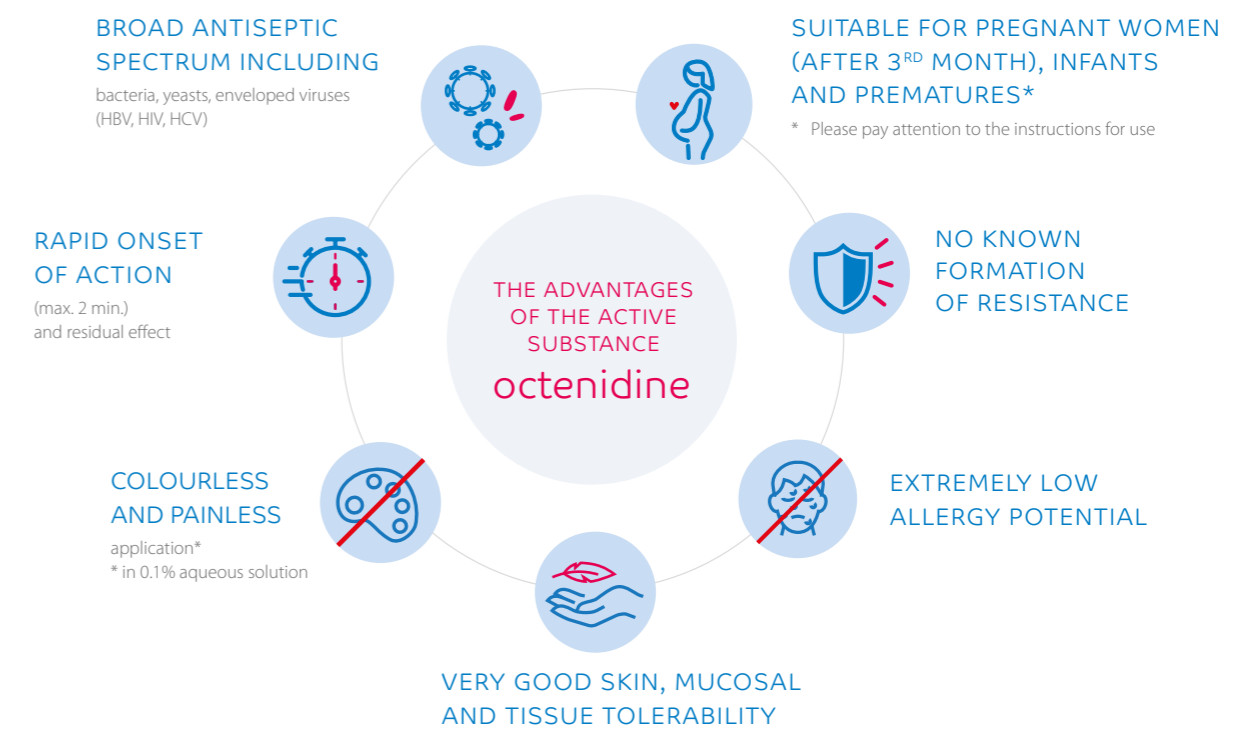


The agent’s success story began with octenisept®:

octenisept® was launched in 1990 as a mucous membrane antiseptic. Only a few years later (1995) its licensed use was extended to antiseptic wound treatment. In only a short time octenisept® has established itself as the current market leader in wound and mucous membrane disinfection¹.

With our Octenidine-containing brands, such as octenisept®, octeniderm®, octenisan® and octenilin®, we offer proven, compatible and broadly effective products as for skin, mucous membrane and wound antiseptics as well as for antibacterial personal and oral hygiene.

¹ Source: IMS Health, DKB Consumption data Sales 2021



Range overview



Wound antiseptics
Wound management
Skin antiseptics
Mucous membrane antiseptics
Oral mucosa
Skin care
MDRO decontamination
Hair and scalp hygiene
Personal hygiene

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| octiderm® colourless | | ● | | | | | | |
| kodan® tincture forte colourless | | | ● | | | | | |
| kodan® tincture forte coloured | | | ● | | | | | |
| octisept® | ● | | ● | ● | | | | |
| octisept® protect & repair creme | | | | | ● | | | |
| octilin® wound gel | | ● | | | | | | |
| octilin® wound irrigation solution for debridement with schülke wound pad | | ● | | | | | | |
| octisan® md nasal gel | | | | | | ● | | |
| octisan® wash lotion | | | | | ● | ● | ● | |
| octisan® wash mitts | | | | | ● | | ● | |
| octisan® wash cap | | | | | ● | ● | | |
| octisan® set | | | | | ● | ● | ● | |
| octident® antiseptic | | | | | | | | ● |
| octident® mouthwash | | | | | | | | ● |

Important user information see page 11

Skin antiseptic



- Application instructions before all invasive procedures
 - Spray on the relevant skin area or rub the relevant skin area with a soaked swab. Assure a thorough wetting of the skin and pay attention to the exposure time
 - Remove the excess product to avoid puddling.
- For preoperative skin antiseptics
 - Remove hair mechanically on the relevant skin area
 - Preoperative antiseptic washing (e.g. with octisan®) is recommended
 - To avoid removal only use skin markers with sufficient alcohol resistance (e.g. Devon™ Surgical Site Mini-Marker Prep Resistant (REF 31146020))
 - When used before incision foils are used, let the product dry well to prevent impairment of adhesion.

octiderm® colourless

Ready-to-use, alcohol-based, residual skin antiseptic.



Our plus

- Residual effect for at least 48 hours
- Effective against a broad spectrum of microorganisms (bactericidal incl. mycobacteria and MRSA, fungicidal, virucidal against enveloped viruses incl. HIV, HBV, HCV, HSV adenovirus type 5 and rotavirus)
- Rapid acting

Application areas

- Preoperative skin antiseptic / postoperative suture care
- Prior to placing a venous catheter (CVC)
- Prior to injections, taking blood samples, excisions, cannulations and biopsies
- If no special hand disinfectant is available, octiderm® colourless can also be used for hygienic and surgical hand disinfection.



kodan® tincture forte colourless

Ready-to-use skin antiseptic with a long-term effect of at least 24 hours.

Our plus

- Long-term antimicrobial activity for a minimum of 24 hours
- Effective against a broad spectrum of microorganisms (bactericidal incl. mycobacteria and MRSA, fungicidal, virucidal against enveloped viruses incl. HIV, HBV, HCV, HSV)
- Rapid acting and excellent skin compatibility

Application areas

- For preoperative skin preparation / postoperative suture care
- For use prior to surgery catheterisation, injections, taking of blood samples, punctures, excisions, cannulations and biopsies
- To support general-hygienic measures in the prevention of fungal skin infections
- If no special hand disinfectant is available, kodan® tincture forte colourless can also be used for hygienic and surgical hand disinfection.



kodan® tincture forte coloured

Ready-to-use coloured skin antiseptic with a long-term effect of at least 24 hours.

Our plus

- Long-term antimicrobial activity for a minimum of 24 hours
- Effective against a broad spectrum of microorganisms (bactericidal incl. mycobacteria and MRSA, fungicidal, virucidal against enveloped viruses incl. HIV, HBV, HCV, HSV)
- Orange-red coloured solution allows the disinfected area to be marked
- Rapid acting and excellent skin compatibility

Application areas

- Especially for preoperative skin antiseptics
- For use prior to surgery catheterisation, injections, taking of blood samples, punctures, excisions, cannulations and biopsies.



Important user information see page 11

Skin / Wound / Mucous membrane

octenisept®

Painless wound and mucous membrane antiseptic.



Our plus

- Broad spectrum of antiseptic efficacy
- Fast onset of action
- Good skin and mucous membrane tolerance
- Suitable for infants and premature babies*
- Safe use during pregnancy (after the first trimester)^{1,2}
- Painless application
- Colourless

Application areas

Wound treatment:

- Antiseptic treatment of traumatic, acute, chronic, surgical and burn wounds.

Mucous membrane antiseptics:

- Prior to diagnostic and surgical interventions in the anogenital (e.g. before obliteration of haemorrhoids), the urogenital area (e.g. before placing an intra-uterine device (IUD), the vaginal area, before prenatal, intranatal and postnatal manipulations) and in the oral cavity (e.g. before tooth extractions)
- Before placing disposable and permanent urinary tract catheters
- For preop. skin antiseptics in the area close to mucous membranes³

octenilin® wound gel

For moistening and cleansing of chronic skin wounds, e.g. for loosening wound coatings.



Our plus

- Creates an ideal wound healing environment to support the natural healing process
- Pain free, particularly compatible treatment
- octenilin® wound gel is prescribable and reimbursable
- Contains octenidine as preservative, capable of inactivating pathogens in the gel to build a protective barrier against penetrating germs
- Sterile

Application areas

- For moistening and cleansing of acute and chronic wounds
- For the preservative moistening of dressings and wound pads
- For loosening encrusted coatings
- For the support of the natural healing process
- For the treatment of thermally induced large area wounds (burn wounds)
- Improves scar quality when applied to the surgical wound immediately after wound closure.
- **stable for 6 weeks after initial opening (20 ml bellows bottle)**
- **stable for 8 weeks after initial opening (250 ml tube)**

* Please check package leaflet.

¹ Briese *et al.* (2010): Efficacy and tolerability of a local acting antiseptic agent in the treatment of vaginal dysbiosis during pregnancy; in Arch Gynecol Obstet

² It is the general medical principle that every administration of drugs should only be performed under strict medical diagnosis and monitoring

³ Heeg P, Ndhlovu D.; antiseptic. internal report, Tübingen; 15.01.1994

octenilin® wound irrigation solution

Wound irrigation solution for cleansing and moistening of chronic skin wounds.



Our plus

- Excellent cleaning performance
- Especially well-tolerated by the skin and tissues
- For all wound situations
- For repeated and long-term use
- Sterile

Application areas

- For rapid, effective cleansing of wounds
- For the removal of wound crusts consisting of necrotic tissue, biofilm and fibrinous films
- Suitable for difficult to access areas, such as fissures and wound pockets
- For moistening and moisturisation of wounds
- For moisturisation of dressings and wound pads
- For cleaning entry ports for PEG/PEJ probes or drainage tubes
- For gentle removal of difficult to remove, caked dressings/ wound pads
- For combined use with Negative Pressure Wound Therapy (NPWT)

schülke wound pad

Therapeutically effective for wound care and prevention.



Our plus

- Dissolves fibrin and debris in a pain reduced manner
- Usable in combination with octenilin® wound irrigation solution
- Stimulates local blood flow in the wound area
- Granulation promoting
- Individually usable due to differing pore structure

Application areas

- Successful for:
- Acute and chronic wounds
 - Postoperative wounds
 - Extensive burns
 - Care of scaling, coated wound environment
 - For wound bed conditioning of coated and / or infected wounds

With the schülke wound pad, wounds can be cleaned or covered.



MDRO contamination

octenisan® set

octenisan® wash lotion and octenisan® md nasal gel for preoperative decontamination of the skin, hair and nasal vestibules.

Our plus

- octenisan® wash lotion and octenisan® md nasal gel for preoperative decontamination in the convenient set
- For use from up to 5 days before the operation
- Provides security: comprehensive patient information for safe use of the product and to increase compliance

Application areas

- octenisan® wash lotion**
 - For whole body washing (also against MDRO)
- octenisan® md nasal gel**
 - For application in the nasal vestibules and underneath the nasal opening

octenisan® md nasal gel

For moistening and decontamination of nasal vestibules by physical cleansing and for supportive treatment of irritated skin underneath the nasal opening.

Our plus

- Decontamination by physical cleansing of the nasal vestibules
- For supportive treatment of irritated skin underneath the nasal opening
- For moistening
- Excellent compatibility

Application areas

- For application in the nasal vestibules and below the nostril

octenisan® wash lotion

The mild wash lotion for skin and hair reduces the colonisation of skin with bacteria including MDRO.

Our plus

- Mild and gentle wash lotion for the skin and hair
- For whole body washing against MDRO
- Suitable for all skin types
- Skin-neutral pH value
- Free of artificial colours and perfumes

Application areas

- For whole body washing (also against MDRO)

octenisan® wash cap

The ready to use octenisan wash cap is utilized for the decontamination of hair and scalp. This product is free of perfume and colouring agents and especially for the cleaning of immobile patients.

Our plus

- For decontamination of the hair and scalp
- Ready to use
- Free of perfume and colouring agents

Application areas

- Impregnated single-use wash cap for decontamination of the hair and scalp by physical cleansing
- Please refrain from the application of skin caring products (e.g. skin lotion) in the context of full body cleansing with octenisan®. Do not use in combination with PVP iodine products.



octenisan® wash mitts

The cleansing and caring octenisan® wash mitts made of soft, extremely stable fleece are especially suitable for washing of immobile persons.

Our plus

- Especially gentle due to additional care with allantoin
- Ready-to-use, no secondary rinsing required
- Easy application due to practical mitt dimensions
- Free of perfume and colourings

Application areas

- For whole body washing (also against MDRO) independent of washing facilities for a limited period of time
- Especially suitable for washing of immobile persons in need of care and bedridden patients on intensive care and infection units
- When using the product on a long-term daily basis a regular washing with wash lotion and water (e.g. weekly) should be performed please refrain from the application of skin caring products (e.g. skin lotion) in the context of full body cleansing with octenisan®. Do not use in combination with PVP iodine products.



octenident® antiseptic

Antiseptic mouthrinse.

Our plus

- Acts in 30 seconds
- Broad spectrum of activity inc. Gram-negative bacteria
- Low irritation/allergic potential
- Can also be used during pregnancy*

Application areas

- For temporary reduction of bacterial count in the oral cavity
- For temporary inhibition of plaque formation
- In cases of insufficient oral hygiene capacity in adults



octenident® mouthwash

Hygienic oral care.

Our plus

- Inhibits germs that cause bad breath
- Ensures fresh breath
- No discolouration of teeth**

Application areas

- For patients with impaired ability to perform oral hygiene measures
- Prevention and avoidance of mouth odour
- Reduction of odour producing bacteria in the oral cavity

* Please check package leaflet.

** Concerning discolouration of teeth: A cosmetic study with 53 subjects has shown that 94 % of the subjects did not show any discolouration after a period of application of 4 weeks. Measurement method: vital scale

Order informationen

| Products | Size | Pack size |
|--|--|---------------------------------|
| octeniderm® colourless | 250 ml-bottles with spray pump | 10 x 250 ml |
| | 1 l-bottles | 10 x 1 l |
| kodan® tincture forte colourless | 250 ml-bottles with spray pump | 10 x 250 ml |
| | 1 l-bottles | 10 x 1 l |
| kodan® tincture forte coloured | 250 ml-bottles with spray pump | 10 x 250 ml |
| | 1 l-bottles | 10 x 1 l |
| octenisept® | 50 ml-bottles with spray pump | 20 x 50 ml |
| | 250 ml-bottles | 10 x 250 ml |
| | 250 ml-bottles with spray pump | 10 x 250 ml |
| | 500 ml-bottles | 20 x 500 ml |
| octenisept® protect & repair creme | 50 ml-tubes | 20 x 50 ml |
| | 20 ml-bellows | 20 x 20 ml |
| octenilin® wound gel | 250 ml-tubes | 6 x 250 ml |
| | 350 ml-bottles | 10 x 350 ml |
| octenilin® wound irrigation solution | blue / white / red | 4 x 3 pcs |
| | blue | 10 x 1 pc |
| for debridement with schülke wound pad | | |
| octenisan® md nasal gel | 6 ml-tubes | 20 x 6 ml |
| octenisan® wash lotion | 150 ml-bottles | 30 x 150 ml |
| | 500 ml-bottles | 20 x 500 ml |
| octenisan® wash mitts | 8 wash mitts | 30 pouches with 8 wash mitts |
| octenisan® wash cap | 1 wash cap | 24 pouches with 10 wash cap |
| octenisan® set | 1 set with 150 ml octenisan® wash lotion, 6 ml-tubes octenisan® md nasal gel | 10 x 1 set |
| octenident® antiseptic | 250 ml-bottles | 12 x 250 ml |
| octenident® mouth wash | 60 ml-bottles | 30 x 60 ml |
| | 250 ml-bottles | 10 x 250 ml |

Important user information see page 11

Important user information.

octeniderm® colourless

Active substances: octenidine dihydrochloride, 1-propanol (Ph.Eur.), 2-propanol (Ph.Eur.). **Composition:** 100 g solution contain: 0.1 g octenidine dihydrochloride, 30.0 g 1-propanol (Ph.Eur.), 45.0 g 2-propanol (Ph.Eur.). Other ingredients: purified water. **Indications:** Skin disinfection prior to surgical procedures, catheterization, blood and liquor collection, injections, punctures, excisions, cannulations, biopsies and for antiseptic care of sutures. If no special hand disinfectant is available, octeniderm® colourless can also be used for hygienic and surgical hand disinfection. **Contraindications:** octeniderm® colourless should not be used in case of hypersensitivity to any of the components of the preparation. **Undesirable effects:** Particularly in cases of frequent use, skin irritation such as redness, burning and itching may occasionally occur. In rare cases allergic reactions (e.g. contact eczema) are possible. Revision 01/2022.

If any of the side effects gets serious, or if you notice any side effects not listed in this user information, please tell your doctor or pharmacist.

kodan® tincture forte colourless

Active substances: 2-propanol (Ph. Eur.), 1-propanol (Ph. Eur.), biphenyl-2-ol. **Composition:** 100 g solution contain 45.0 g 2-propanol (Ph. Eur.), 10.0 g 1-propanol (Ph. Eur.), 0.20 g biphenyl-2-ol. Other ingredients: hydrogen peroxide solution 30% (Ph. Eur.), purified water. **Indications:** Skin disinfection prior to surgical procedures, catheterization, blood and liquor collection, injections, punctures, excisions, cannulations, biopsies, for antiseptic care of sutures as well as for additional general hygienic measures to prevent fungal skin infections. If no special hand disinfectant is available kodan® tincture forte colourless may also be used for hygienic hand disinfection. **Contraindications:** kodan® tincture forte colourless should not be used for surgical hand disinfection. kodan® tincture forte colourless may not be used in cases of hypersensitivity to any of the components of the preparation. **Undesirable effects:** Particularly with frequent use, skin irritations such as burning, erythema and dryness can occur. In rare cases allergic contact reactions are possible. Revision 01/22.

If any of the side effects gets serious, or if you notice any side effects not listed in this user information, please tell your doctor or pharmacist.

kodan® tincture forte coloured

Active substances: 2-propanol (Ph. Eur.), 1-propanol (Ph. Eur.), biphenyl-2-ol. **Composition:** 100 g solution contain 45.0 g 2-propanol (Ph. Eur.), 10.0 g 1-propanol (Ph. Eur.), 0.20 g biphenyl-2-ol. Other ingredients: quinoline yellow, orange yellow S, brilliant black PN, hydrogen peroxide solution 30% (Ph. Eur.), purified water. **Indications:** Skin disinfection prior to surgical procedures, catheterization, blood and liquor collection, injections, punctures, excisions, cannulations, biopsies, for antiseptic care of sutures as well as for additional general hygienic measures to prevent fungal skin infections. **Contraindications:** kodan® tincture forte coloured may not be used in cases of hypersensitivity to any of the components of the preparation. **Undesirable effects:** Particularly with frequent use, skin irritations such as burning, erythema and dryness can occur. In rare cases allergic contact reactions are possible. Revision 04/20.

If any of the side effects get serious, or if you notice any side effects not listed in this user information, please tell your doctor or pharmacist.

octenisept®

Active substances: octenidine dihydrochloride, phenoxyethanol (Ph.Eur.). **Composition:** 100 g solution contain: 0.1 g octenidine dihydrochloride, 2.0 g phenoxyethanol (Ph.Eur.). Other ingredients: cocamidopropylbetaine, sodium D gluconate, glycerol 85%, sodium chloride, sodium hydroxide, purified water. **Indications:** For repeated, short-term antiseptic treatment of mucous membranes and adjacent tissues prior to diagnostic and surgical procedures - in the ano-genital region including the vagina, vulva and glans penis as well as prior to bladder catheterization - in the oral cavity. For short-term supporting therapy of interdigital mycotic infections and adjuvant antiseptic wound treatment. **Contraindications:** octenisept® may not be used in cases of hypersensitivity to any of the components of the preparation. octenisept® should not be used for rinsing the abdominal cavity (e.g. intra-operatively) or the bladder, nor the tympanic membrane. **Undesirable effects:** rare: burning, redness, itching and warmth at the application site, very rare: allergic contact reaction, e.g. temporary redness at the application site; frequency unknown: after lavage of deep wounds with a syringe, persistent edema, erythema and also tissue necrosis have been reported, in some cases requiring surgical revision. Rinsing of the oral cavity may cause a transitory bitter sensation. Revision 12/21.

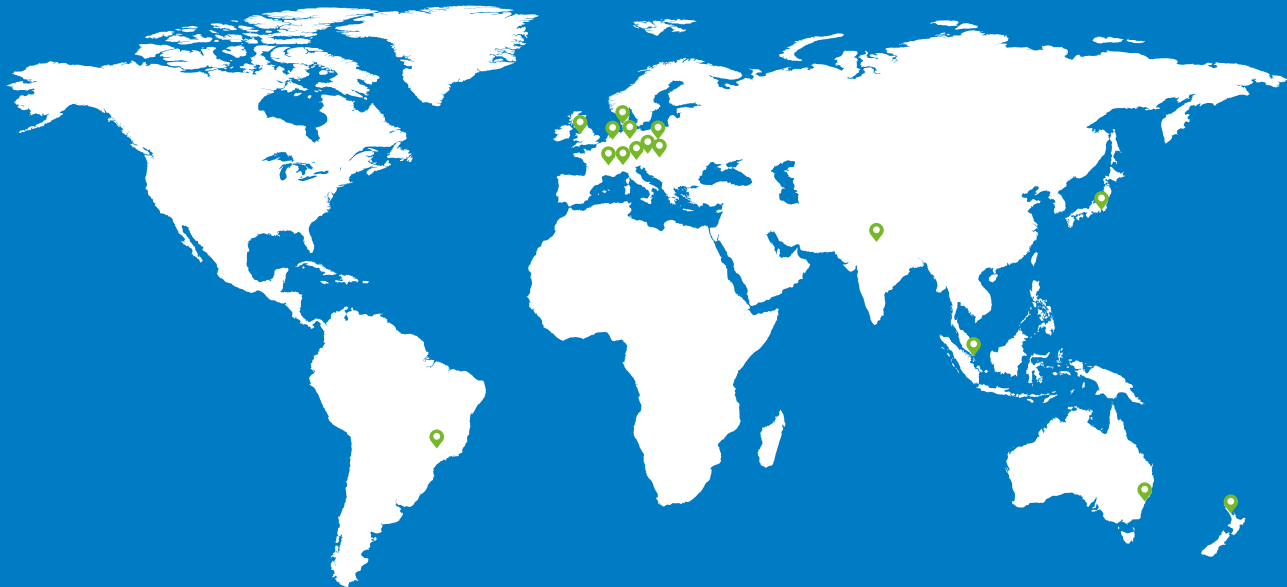
To prevent possible tissue injury, the product must not be injected into the deep tissue using a syringe. The product is intended for superficial use only (application by swab or spray pump).

octenident® antiseptic 1 mg/ml oromucosal solution

Active substance: octenidine dihydrochloride. **Composition:** 1 ml of solution contains 1 mg of octenidine dihydrochloride. Other ingredients: glycerol 85 per cent (E 422), sodium gluconate, citric acid, disodium phosphate dihydrate (for pH adjustment), macroglycerol hydroxystearate, sucralose, purified water, mint flavour (contains propylene glycol (E 1520)). **Indications:** octenident antiseptic has an antimicrobial effect. It is used for temporary reduction of bacterial count in the oral cavity, for temporary inhibition of plaque formation, and in cases of insufficient oral hygiene capacity (no toothbrushing possible, for example) in adults. **Contraindications:** Allergy to octenidine dihydrochloride or any of the other ingredients. **Undesirable effects:** Very common: Temporary taste disturbance, such as bitter aftertaste; Mild, reversible dental discoloration. Common: Numb sensation in the mouth, Coating of the mouth or the tongue, Temporary tongue discoloration, Sensitivity of teeth. Uncommon: Headache, Nausea, Tingling of the tongue, More saliva in the mouth than normal. Revision 09/21.

If any of the side effects get serious, or if you notice any side effects not listed in this user information, please tell your doctor or pharmacist.

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