

# HARTMANN



## Baktolan® protect

The water-in-oil (w/o) cream moisturises highly stressed skin with its rich formula that includes urea and protects the hands from water-based solutions.



### Advantages at a glance

- Supports the natural protective function of healthy skin
- Protects longlasting against harmful water-soluble substances
- Effective prophylaxis against chapped and brittle skin
- Targeted skin-care by urea and beeswax
- Free of silicones and preservatives
- Long-lasting protection
- Free of colorants
- Free of parabens

### Application

Baktolan® protect is specifically developed for the prophylactic protection against occupational skin damage and prior to contact with water-soluble substances such as solvents, alkalis or acids. It can be used as a supplement to protective gloves, before starting work, after breaks and as intensive care after work. Baktolan® protect provides long-lasting moisture to dry skin and makes the skin feel smoother. The natural ingredient urea provides for a proven skin hydration.

# Baktolan® protect



## Areas of application

Baktolan® protect is used in all areas where systematic skin protection against water-soluble solutions is required. At the same time, it provides chapped and brittle skin with the required care due to its rich cream. Baktolan® protect is particularly suited for the daily use:

- In clinics and medical practices
- In chemical, pharmaceutical and food processing areas
- In utility departments in cleaning services

## Directions for use

Wash hands thoroughly before work and after every break and dry completely. Subsequently apply a hazelnut-sized amount of Baktolan® protect into the hands paying particular attention to the areas between the fingers and the nail beds. Baktolan® protect can also be used for the hand care after work.

Baktolan® protect acts fourfold:

- As targeted skin protection before work
- As skin care in between
- As nourishing cream after work
- As effective prophylaxis against chapped and brittle skin (continued use)

## Composition

Aqua, Paraffinum liquidum, Urea, Petrolatum, Cera Alba, Cholesterol, Lanolin Alcohol, Zinc Stearate, Alu-minum Chlorohydrate, Sodium Stearate, Parfum (Fragrance).

## Compatibility with hand disinfection products

Studies about hygienic hand disinfection acc. to EN 1500 show that the efficacy of BODE hand disinfection products Sterillium®, Sterillium® classic pure, Sterillium® med and Sterillium® Virugard, is not influenced by the previous use of Baktolan® protect.

# Baktolan® protect

## Compatibility with examination gloves

Studies following the EN 455-1 show that previous use of Baktolan® protect does not increase the perforation rate of gloves made of nitrile, latex and vinyl. Studies following the EN 455-2 show that previous use of Baktolan® protect does not impair the tear strength of gloves.

## Related products

- **Baktolan® protect+ pure:**

Innovative water-in-oil-in-water (w/o/w) lotion for protection against aqueous solutions and for regenerating care at the same time of dry, highly stressed skin.

## Physical and chemical properties

Appearance	white, pasty cream
Density	0.982 g/cm <sup>3</sup>

Shelf life after opening 12 months.

## Baktolan® and Sterillium® – compatible products for healthy skin

Skin care is an important part of hand hygiene. Care products counteract chapped and dry skin and create a healthy skin surface [1]. As the efficacy of alcohol-based hand disinfectants can be impaired by the use of skin care products, the compatibility of care products and hand disinfectant should be considered [2,3].



Expert reports prove that there is no impairment of the disinfection effect [4]. Baktolan® products for skin care are compatible with Sterillium® products for hand disinfection.

HSB2\_030EN\_1021\_1

### References:

1. Kampf G *et al.* BMC Dermatology (2006), 6:1.
2. KRINKO (2016) Bundesgesundheitsbl (2016), 59:1189-1220.
3. Larson EL (1995) Am J Infect Control 23(4):251-269.
4. Various expert opinions on the compatibility of the individual products, example: Heeg (2010): Gutachtlicher Prüfbericht Sterillium mit Baktolan protect+ pure. Universitätsklinikum Tübingen. Unpublished study – data at BODE Chemie GmbH.

Research for infection protection



„Pflichttexte“ for our **Sterillium®** range according to the German „Heilmittelwerbegesetz“ (HWG) as well as the legal note for biocidal products according to Art. 72, Verordnung (EU) Nr. 528/2012 (BPR)

**Sterillium®:** Active substances: Propan-2-ol, Propan-1-ol, Mecetronium ethylsulfate. **Composition:** 100 g solution contains: Active substances: Propan-2-ol 45.0 g, Propan-1-ol 30.0 g, Mecetronium ethylsulfate 0.2 g. Excipients: Glycerol 85 %, Tetradecan-1-ol, Fragrance, Patent Blue V (E 131), Purified water. **Indications:** Hygienic and surgical hand disinfection. Skin disinfection prior to injections and punctures. Microbiological efficacy: Bactericidal, yeasticidal, virucidal and limited virucidal activity PLUS (incl. Adeno-, Noro- and Rotavirus). **Contraindications:** Not suitable for disinfection of mucous membranes. Do not use in the immediate proximity of the eyes or open wounds. Hypersensitivity (allergy) to any of the ingredients. This medicine contains fragrance with benzyl alcohol, citral, citronellol, coumarin, eugenol, farnesol, geraniol, hydroxycitronellal, limonene and linalool. **Undesirable effects:** Occasionally, slight dryness or irritation of the skin may occur. In such a case, it is recommended to intensify general skin care. The frequency of allergic reactions is rare. **Special warnings and precautions for use:** Sterillium should not be used on newborn and premature infants. Do not use electrical equipment until dry. Do not bring into contact with open flames. Also do not use near sources of ignition. Flash point 23 °C, flammable. Fire and explosion hazards are not to be expected if the preparation is used as intended. After spilling the disinfectant, take the following measures: immediately absorb the liquid, dilute with plenty of water, ventilate the room and eliminate sources of ignition. Do not smoke. In case of fire, extinguish with water, extinguishing powder, foam or CO<sub>2</sub>. Any decanting may only be carried out under aseptic conditions (e.g. use of sterile containers under laminar airflow cabinet). **Marketing authorisation holder and manufacturer:** BODE Chemie GmbH, Melanchthonstraße 27, 22525 Hamburg.

**Sterillium® classic pure:** Active substances: Propan-2-ol, Propan-1-ol, Mecetronium ethylsulfate. **Composition:** 100 g solution contains: Active substances: Propan-2-ol 45.0 g, Propan-1-ol 30.0 g, Mecetronium ethylsulfate 0.2 g. Excipients: Glycerol 85 %, Tetradecan-1-ol, Purified water. **Indications:** Hygienic and surgical hand disinfection. Skin disinfection prior to injections and punctures. Microbiological efficacy: Bactericidal, yeasticidal, virucidal and limited virucidal activity PLUS (incl. Adeno-, Noro- and Rotavirus). **Contraindications:** Not suitable for disinfection of mucous membranes. Do not use in the immediate proximity of the eyes or open wounds. Hypersensitivity (allergy) to any of the active substances or the other ingredients. **Undesirable effects:** Occasionally, slight dryness or irritation of the skin may occur. In such cases, it is recommended to intensify general skin care. Allergic reactions are rare. **Special warnings and precautions for use:** Hand disinfection is used to specifically prevent the transmission of infections, e.g. in nursing care. Sterillium classic pure should not be used on newborns and premature infants. Use on infants and young children should only be carried out after medical consultation. Contact of the solution with the eyes must be avoided. If the eyes have come into contact with the solution, they should be rinsed with running water for several minutes with the eyelids open. Transferring from one container to another should be avoided to prevent contamination of the solution. If decanting is unavoidable, it may only be performed under aseptic conditions (e.g. use of sterile containers under laminar airflow cabinet). Do not use electrical equipment until dry. Do not bring into contact with open flames. Also do not use near sources of ignition. Flash point 23 °C, flammable. Fire and explosion hazards are not to be expected if the preparation is used as intended. After spilling the disinfectant, take the following measures: immediately absorb the liquid, dilute with plenty of water, ventilate the room and eliminate sources of ignition. Do not smoke. In case of fire, extinguish with water, extinguishing powder, foam or CO<sub>2</sub>. **Marketing authorisation holder and manufacturer:** BODE Chemie GmbH, Melanchthonstraße 27, 22525 Hamburg.

**Sterillium® Tissue:** Active substances: Propan-2-ol, Propan-1-ol, Mecetronium ethylsulfate. **Composition:** 1 fleece wet wipe contains: active substances: Propan-2-ol 1.341 mg, Propan-1-ol 894 mg, Mecetronium ethylsulfate 5.96 mg. Excipients: Tetradecan-1-ol, Glycerol 85 %, Fragrance, Purified water.

**Indications:** Hygienic hand disinfection. Skin disinfection prior to injections and punctures on skin with only few sebaceous glands. **Contraindications:** Sterillium Tissue is not allowed to be used if there is hypersensitivity (allergy) to Propan-2-ol, Propan-1-ol, Mecetronium ethylsulfate or any of the other ingredients. This medicine contains fragrance with benzyl alcohol, citral, citronellol, coumarin, eugenol, farnesol, geraniol, hydroxycitronellal, limonene and linalool. Do not use in the immediate proximity of the eyes or open wounds, for premature and newborn infants, for disinfection of mucous membranes or for disinfection of mucous membranes. **Undesirable effects:** Occasionally, slight dryness or irritation of the skin may occur. In such cases, it is recommended to intensify general skin care. Allergic reactions are rare. **Special warnings and precautions for use:** Use on infants and young children only after medical consultation. Avoid contact with eyes. In case of contact with eyes, rinse immediately with running water for several minutes with the eyelid held wide open. Do not use electrical equipment until the product has dried. Keep away from open flames. Do not use near sources of ignition. Flash point 23,5 °C, flammable. In case of fire, extinguish with water, fire extinguisher, foam or CO<sub>2</sub>. **Marketing authorisation holder and manufacturer:** BODE Chemie GmbH, Melanchthonstraße 27, 22525 Hamburg.

**Sterillium® med:** Active substance: Ethanol 99 %. **Composition:** 100 g solution contains: Active substance: Ethanol 99 % 85.0 g, Excipients: Butan-2-ol, Propan-1-ol, Tetradecan-1-ol, Glycerol 85 %, Purified water. **Indications:** Hygienic and surgical hand disinfection. Microbiological efficacy: Bactericidal, yeasticidal, virucidal and limited virucidal activity PLUS (incl. Adeno-, Noro- and Rotavirus). **Contraindications:** Do not use in the immediate proximity of the eyes or open wounds. Note: In case of contact of the solution with the eyes, the opened eyes should be washed with running water for several minutes. Do not use in case of hypersensitivity (allergy) to the active substance or to any of the other ingredients. **Undesirable effects:** Occasionally, slight dryness or irritation of the skin may occur. In such cases, it is recommended to intensify general skin care. Allergic reactions are rare. **Special warnings and precautions for use:** Use only externally. Due to the content of alcohol, frequent application of the drug on the skin may cause irritation or inflammation. Do not bring into contact with open flames. Keep away from sources of ignition - do not smoke. Flash point according to DIN 51755: approx. 16 °C, highly flammable. When the preparation is used as intended, fire and explosion hazards are not to be expected. After spilling the disinfectant, the following measures must be taken: immediately absorb the liquid, dilute with plenty of water, ventilate the room and eliminate sources of ignition. In case of fire, extinguish with water, extinguishing powder, foam or CO<sub>2</sub>. Any decanting may only be carried out under aseptic conditions (laminar airflow cabinet). **Marketing authorisation holder and manufacturer:** BODE Chemie GmbH, Melanchthonstraße 27, 22525 Hamburg.

**Sterillium® Virugard:** Active substance: Ethanol 99 %. **Composition:** 100 g solution contains: Active substance: Ethanol 99 % 95.0 g. Excipients: Butan-2-ol, Glycerol, Tetradecan-1-ol, Petroleum ether. **Indications:** Hygienic and surgical hand disinfection. **Contraindications:** Do not use on mucous membranes. Do not use in the immediate proximity of the eyes or open wounds. Hypersensitivity to ingredients. **Undesirable effects:** Rarely, mild, diffuse skin irritations or allergic reactions occur. In such cases, it is recommended to intensify general skin care. **Special warnings and precautions for use:** Do not bring into contact with open flames. Do not use near sources of ignition. Close bottle after use. Flash point according to DIN 51755: 0 °C. Highly flammable. Avoid electrostatic charge. Do not touch anything with hands wet with alcohol. After spilling the disinfectant, take the following measures: Immediately absorb the liquid, dilute with plenty of water, ventilate the room and eliminate sources of ignition. Do not smoke. Any decanting may only be carried out under aseptic conditions (laminar airflow cabinet). **Manufacturer:** BODE Chemie GmbH, Melanchthonstraße 27, 22525 Hamburg.

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

# Baktolan® protect



Product	Content	Item no.
<b>Baktolan® protect</b>		
Tube	100 ml	on request

Please note: that the availability of products in the Baktolan® range may vary in different countries and regions. Contact your local distribution partner for more information. The recommendations regarding our preparations are based on scientific tests and are given in good faith. More detailed recommendations, e.g. regarding material compatibility, are possible only in separate, individual cases. Our recommendations are not binding and do not constitute a guarantee. They do not preclude a company's own testing for the intended purpose and process. In this respect we cannot accept any liability. This is in accordance with our general conditions of sale and supply.



Helps. Cares. Protects.

Manufacturer:  
BODE Chemie GmbH  
A company of the HARTMANN GROUP  
Tel: +49 40 5 40 06-0 • Fax: -200  
[info@bode-chemie.de](mailto:info@bode-chemie.de)  
[www.bode-chemie.com](http://www.bode-chemie.com)