HiBiScrub® Plus is an antimicrobial skin cleanser containing 4% w/v chlorhexidine digluconate

Residual protection
• Residual protection for up to 6 hours.¹
• Increased efficacy upon repeat application, up to 2 times.²

Short and effective contact times
• Kills clinically relevant MRSA strains, in 1 minute [99.99% log reduction].³
• Effective against many Gram positive, Gram negative bacteria, yeast, fungi and viruses.⁴
• Effective against many antibiotic resistant Gram positive and Gram negative bacteria in as little as 15 second.⁵
• Shown to inactivate key influenza viruses, H5N1 (NIBRG-14 Avian Flu construct) in 20 seconds⁶ and H1N1 (VR-333 swine flu strain) in 30 seconds.⁷

Kind to skin
• Contains a blend of emollients.
• Dermatologically tested.⁸
• Softens and reduces dryness of skin.⁸
• Proven to be significantly less irritating than competitor products.⁸
• Is kind to skin, even with frequent use.⁸,⁹

Recommend HiBiScrub Plus and help to ensure a clean surgery
• More effective than PVPI or medicated soap.¹⁰
• Reduces skin flora by 94% with the first whole body wash and then by a further 77% with the second.¹¹

How to whole body wash
Integrating the whole body washing process into your infection control guidelines ensures the bacteria on your patients skin, commonly known to cause an SSI, is removed.

Whole body wash with HiBiScrub Plus:
1. The **night before** surgery
2. The **morning** of surgery and
3. Day 3 **after** surgery, avoiding the operation wound area.

For each use approximately use 25 ml.

For detailed procedure on How to whole body wash, please visit [www.molnlycke.com](http://www.molnlycke.com)

<table>
<thead>
<tr>
<th>Description/Size</th>
<th>Product code</th>
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<td>HiBiScrub Plus 125 ml</td>
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</table>
1. Name of product
HiBiScrub Plus

2. Composition
2.1 Active ingredient
Chlorhexidine digluconate 4% w/v (incorporated as Chlorhexidine digluconate solution Ph Eur).

2.2 Excipients
- D-glucono-δ-lactone; Isopropanol alcohol; Lauryl dimethyl amine oxide; Perfume (Herbacin 015393);
- Polyoxylenepolyoxypropylene block copolymer; Ponceau 4R (E124);
- Sodium hydroxide; Glycerol; Dimethyl amine oxide; Perfume (Herbacol 015393);
- 2.2 Excipients

3. Clinical particulars
3.1 Indications
Antimicrobial skin cleanser for whole body washing prior to surgery.

3.2 Administration
For external use only. Whole body washing: wash the whole body on at least two occasions prior to surgery, usually the day before and the day of the operation. Use 25ml of HiBiScrub Plus on each occasion beginning with the face and working downwards paying particular attention to the nose, armpits and groin areas. Rinse and repeat washing with a further 25ml of HiBiScrub Plus this time including the hair. Rinse and dry thoroughly.

Children and elderly patients
There are no special dosage recommendations for either elderly patients or children. The normal adult dose is appropriate unless otherwise recommended.

3.3 Contraindications
HiBiScrub Plus preparations are contraindicated for patients who have previously shown a hypersensitivity reaction to chlorhexidine or any of the other ingredients. However, such reactions are extremely rare.

3.4 Precautions
Keep out of eyes and ears. In case of contact with the eyes rinse immediately with plenty of water and seek medical advice. DO NOT use on mucous membranes, including genitalia, as the product may cause irritation. This product is for use on the surface of intact skin only. Do not inject or use in body cavities. DO NOT swallow. DD NOT use in wounds.

If severe irritation develops discontinue use of the product and seek medical attention.

3.5 Interactions, see section 5.2
3.6 Pregnancy and lactation
There is no evidence of any adverse effects on the foetus arising from the use of HiBiScrub Plus during pregnancy and lactation. Therefore no special precautions are recommended.

3.7 Effects on ability to drive and use machines
None have been reported or are known.

3.8 Possible side effects
Irritative skin reactions to chlorhexidine preparations can occasionally occur. Generalised allergic reactions to chlorhexidine have also been reported but are extremely rare.

3.9 Overdose
This has not been reported. Accidental ingestion: chlorhexidine taken orally is poorly absorbed. Treat with gastric lavage using milk, raw egg, gelatin or mild soap. Employ supportive measures as appropriate.

4. Mode of action
Chlorhexidine has a wide range of antimicrobial activity. Chlorhexidine is effective against a wide range of Gram negative and Gram positive bacteria, yeasts, dermatophyte fungi and lipophilic viruses. It is inactive against bacterial spores except at elevated temperatures.

Because of its cationic nature, chlorhexidine binds strongly to skin, mucosa and other tissues and is thus very poorly absorbed. No detectable blood levels have been found in man following oral use.

No blood levels were detected during a 3-week simulated clinical use of HiBiScrub Plus.

Chlorhexidine is an active substance upon which extensive clinical experience has been obtained. All relevant information for the prescriber is provided within this literature.

5. Product particulars
5.1 Product form
Antiseptic liquid soap.

5.2 Incompatibilities
Chlorhexidine is incompatible with soap and other anionic agents. Common bleaches (containing hypochlorite) may cause brown stains to develop in fabrics which have previously been in contact with preparations containing chlorhexidine.

5.3 Shelf life
24 months.

5.4 Storage instructions
Store below 25°C.

5.5 Pack sizes
HDPE bottles containing 125ml of the product.

6. Manufacturer/distributor
Möllycke Health Care Ltd., Two Omega Drive, Irlam, Manchester, M44 5BJ, United Kingdom.

7. Date of text
April 2012.

References:

Find out more at www.molnlycke.co.uk

Möllycke Health Care Ltd, The Arenson Centre, Arenson Way, Dunstable, Bedfordshire, LU5 5UL. Ph. 0870 6060766. www.molnlycke.co.uk

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