



## Hydrex® 0.5%

0.5% Chlorhexidine Gluconate (CHG) w/v and 70% DEB  
Pre-operative skin preparation

EFFECTIVE.  
CONVENIENT.  
PERSISTENT.

Licensed, sterile filtered chlorhexidine gluconate (CHG) skin antiseptics.  
Long lasting residual effect for added reassurance and protection.



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0.5% Chlorhexidine Gluconate (CHG) w/v and 70% DEB  
Pre-operative skin preparation

## Why Use Hydrex® 0.5%?

### RESIDUAL PROTECTION

Hydrex® 0.5% contains the active ingredient chlorhexidine gluconate, providing a persistent and cumulative effective barrier for at least 6 hours<sup>1</sup>. This ensures Hydrex® 0.5% keeps killing bacteria long after application for added reassurance.

### BROAD SPECTRUM EFFICACY

The actives chlorhexidine gluconate and 70% denatured ethanol (DEB) are broad spectrum antiseptics and in combination are fast acting and effective against a wide range of both Gram positive and Gram negative bacteria (including MRSA), yeast, fungi and viruses<sup>2</sup>.

### RANGE OF FORMATS FOR EASE OF USE

Microorganisms on patient's skin are understood to be the main cause of surgical site infections (SSI's) and blood stream infections (BSI's)<sup>3</sup>. With the Hydrex® 0.5% range of skin preparation solutions, the risk of infection can be reduced during surgical incision and catheter placements. This allows existing methods for skin preparation to be followed cost-effectively, without compromising patient safety.

### SKIN DELINEATION

For delineation of the disinfected area, Red Staining Dye offers appropriate and enhanced visualisation of the prepared area when added to the Hydrex® 0.5% Skin Preparation range.



**“Hydrex® 0.5%, providing a persistent and cumulative effective barrier for at least 6 hours!”**



## INDICATIONS FOR USE

### HYDREX® 0.5%

The Hydrex® 0.5% Skin Preparation and disinfection range is to be used for any skin preparation and disinfection prior to breaking intact skin. It is especially useful where quick-drying is required. If delineation of the disinfected area is required, the Red Staining Dye can be added to the Hydrex® 0.5% Skin Preparation range.

## Ingredients and Format

### Hydrex® Red Staining Dye

Red stain to be added to the Hydrex® Skin Preparation range

## HYDREX® CLEAR 0.5%

Dispenser Bottle

### INGREDIENTS

Chlorhexidine gluconate 0.5% w/v in DEB 70% v/v

600 ml



## HYDREX® PINK 0.5%

Dispenser Bottle

### INGREDIENTS

Chlorhexidine gluconate 0.5% w/v in DEB 70% v/v with colouring

600 ml



## HYDREX® PINK 0.5%

Spray

### INGREDIENTS

Chlorhexidine gluconate 0.5% w/v in DEB 70% v/v in spray format

500 ml



## HYDREX® PINK 0.5%

Spray

### INGREDIENTS

Chlorhexidine gluconate 0.5% w/v in DEB 70% v/v in spray format

200 ml



# Hydrex® 0.5%

0.5% Chlorhexidine Gluconate (CHG) w/v and 70% DEB

Pre-operative skin preparation



Hydrex® Clear  
600ml



Hydrex® Pink  
600ml



Hydrex® Spray  
500ml



Hydrex® Spray  
200ml

## PACKAGING AND ORDERING INFORMATION

Product	Outer Size	Ecolab Order Code
Hydrex® Clear Dispenser Bottle	12 x 600ml	3030470
Hydrex® Pink Dispenser Bottle	12 x 600ml	3030480
Hydrex® Red Staining Dye Bottle	12 x 12ml	3030510
Hydrex® Spray Spray	12 x 500ml	3035070
Hydrex® Spray Spray	12 x 200ml	3035080

## SUMMARY OF PRODUCT CHARACTERISTICS

### Hydrex® Clear

**Trade Name of the Medicinal Product:** Hydrex® Clear Chlorhexidine Gluconate 0.5% w/v in DEB 70%. **Qualitative and Quantitative Composition:** Chlorhexidine Gluconate Solution 20% BP (Ph Eur) – 2.5% v/v **Pharmaceutical Form:** Liquid. **Clinical Particulars - Therapeutic Indications:** This product is for pre-operative skin disinfection prior to minor surgical procedures. **Posology and Method of Administration:** This product is applied topically. **Contra-indications:** i) Do not use in patients who are hypersensitive to Chlorhexidine. ii) Do not use in contact with eyes, brain, meninges, middle ear or external ear with a perforated tympanic membrane. iii) Do not inject. iv) Do not use in body cavities. v) When use is to be followed by diathermy do not allow pooling of the fluid to occur and ensure that the skin and surrounding drapes are dry. **Special Warnings and Precautions for Use:** For external use only. Keep out of the reach of children. Highly flammable. **Interactions With Other Medicaments and Other Forms of Interaction:** None stated. **Pregnancy and Lactation:** None stated. **Effects on Ability to Drive:** None stated. **Undesirable Effects:** Some users are hypersensitive to chlorhexidine gluconate. **Overdose:** Chlorhexidine gluconate is poorly absorbed orally. DEB will produce CNS depression. Symptoms include nausea, vomiting, muscular inco-ordination and loss of consciousness. Treat with gastric lavage, employing supportive measures as necessary. **Pharmacological Properties - Pharmacodynamic Properties:** Chlorhexidine is a bisbiguanide disinfectant which is active against a wide range of gram-positive and gram-negative vegetative bacteria. It is also active against some viruses and some fungi. Most active at neutral or slightly acid pH. **Pharmacokinetic Properties:** Plasma concentrations for topical applications are extremely low, therefore clinically insignificant. **Preclinical safety Data:** None stated. **Pharmaceutical Particulars - List of Excipients:** Denatured Ethanol B 96% BP, Purified Water BP. **Incompatibilities:** Not applicable. **Shelf Life:** 12 months. **Special Precautions for Storage:** None stated. **Nature and Contents of Container:** Hydrex, Clear Chlorhexidine is packaged in HDPE containers in the following sizes: 600 ml. **Instructions for Use/Handling:** Not applicable. **Legal Category:** GSL. **Marketing Authorisation Holder:** Ecolab Ltd, Lotherton Way, Garforth, Leeds, West Yorkshire LS25 2JY. **Marketing Authorisation Number:** PL 04509/0017. **Date of Preparation:** 1 March 2003.

### Hydrex® Pink

**Trade Name of the Medicinal Product:** Hydrex® Pink Chlorhexidine Gluconate 0.5% w/v in DEB 70%. **Qualitative and Quantitative Composition:** Chlorhexidine Gluconate Solution 20% BP – 2.5% v/v **Pharmaceutical Form:** Liquid. **Clinical Particulars - Therapeutic Indications:** This product is for pre-operative skin disinfection prior to minor surgical procedures. **Posology and Method of Administration:** This product is applied topically. **Contra-indications:** i) Do not use in patients who are hypersensitive to Chlorhexidine. ii) Do not use in contact with eyes, brain, meninges, middle ear or external ear with a perforated tympanic membrane. iii) Do not inject. iv) Do not use in body cavities. v) When use is to be followed by diathermy do not allow pooling of the fluid to occur and ensure that the skin and surrounding drapes are dry. **Special Warnings and Precautions for Use:** For external use only. Keep out of the reach of children. Highly flammable. **Interactions With Other Medicaments and Other Forms of Interaction:** None stated. **Pregnancy and Lactation:** None stated. **Effects on Ability to Drive:** None stated. **Undesirable Effects:** Some users are hypersensitive to chlorhexidine gluconate. **Overdose:** Chlorhexidine gluconate is poorly absorbed orally. DEB will produce CNS depression. Symptoms include nausea, vomiting, muscular inco-ordination and loss of consciousness. Treat with gastric lavage, employing supportive measures as necessary. **Pharmacological Properties - Pharmacodynamic Properties:** Chlorhexidine is a bisbiguanide disinfectant which is active against a wide range of gram-positive and gram-negative vegetative bacteria. It is also active against some viruses and some fungi. Most active at neutral or slightly acid pH. **Pharmacokinetic Properties:** Plasma concentrations for topical applications are extremely low, therefore clinically insignificant. **Preclinical safety Data:** None stated. **Pharmaceutical Particulars - List of Excipients:** Denatured Ethanol B 96% BP, Purified Water BP, 111959 Carmoisine (E122). **Incompatibilities:** Not applicable. **Shelf Life:** 12 months. **Special Precautions for Storage:** None stated. **Nature and Contents of Container:** HDPE containers in the following sizes 200 ml, 500 ml and 600 ml. **Instructions for Use/Handling:** Not applicable. **Legal Category:** GSL. **Marketing Authorisation Holder:** Ecolab Ltd, Lotherton Way, Garforth, Leeds, West Yorkshire LS25 2JY. **Marketing Authorisation Number:** PL 04509/0018. **Date of Preparation:** 1 March 2003.

## REFERENCES

- Larson E (1995) APIC Guidelines.
- Denton, GW;2001. Chlorhexidine. 15 in Disinfection, Sterilization and preservation. Ed. Block SS. Fifth Ed. Lippincott Williams and Wilkins.
- Surveillance of Hospital-Acquired Bacteraemia in English Hospitals 1997-2002 NINSS Nosocomial Infection National Surveillance Service.

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