

# THERUPTOR<sup>®</sup>

## HandRub

Best in Class Hand Antiseptic for  
Surgical and Healthcare Personnel

For Persistent Anti-microbial Activity  
2.5% CHG Solution with Alcohol



Available in 100ml,  
500ml and 5L containers

Proven Anti-microbial Efficacy - provides rapid bactericidal action against a broad spectrum of micro organisms with greater than 99.9% kill in 15 seconds (In Vitro)

Best in Class Residual protection for upto 6 hours with a combination of alcohol and Chlorhexidine Gluconate, preferred by Clinicians and peri Operative Nurses

Moisturized with skin emollients to prevent skin dryness and damage.

### Active Ingredients

Chlorhexidine Gluconate Solution I.P 2.5% w/v , Ethanol 70% v/v, fragrance, skin emollients & excipients.

### Application areas

1. Indicated for rapid hand disinfection
2. Suitable for use before and after every patient contact and in between hand washes

### IN-VITRO ANTIMICROBIAL EVALUATION AS PER ASTM E 2315

Bacteria	Kill rate under 15s
Staphylococcus aureus ATCC 6538	99.9%
Listeria monocytogenes ATCC 19115	99.9%
Enterococcus faecalis ATCC 29212	99.9%
Escherichia coli ATCC 25922	99.9%
Pseudomonas aeruginosa ATCC 15442	99.9%
Klebsiella pneumoniae ATCC 4352	99.9%

  

Fungi	Kill rate under 15s
Aspergillus niger ATCC 6275	99.0%
Candida albicans ATCC 10231	99.0%

Chlorhexidine is a broad-spectrum biocide effective against Gram-positive bacteria, Gram-negative bacteria and fungi. Addition of chlorhexidine to alcohol-based preparations results in significantly greater residual activity than alcohol alone. **Chlorhexidine has in vitro activity against enveloped viruses such as herpes simplex virus, HIV, cytomegalovirus, influenza and RSV according to WHO Guidelines on Hand Hygiene in Health Care. The SARS-COV2 Virus is an enveloped virus and Chlorhexidine with alcohol combination is effective against it.**