

Antiseptic Handwash

Chlorhexidine Gluconate 1% w/v · Antiseptic Hand Hygiene

KEY BENEFITS

— Chlorhexidine Gluconate 1% w/v	the gold-standard antiseptic active used in surgical scrub protocols, pre-operative hand preparation, and clinical hand hygiene — persistent residual activity on skin surface after rinsing, not just during contact.
— BKC 0.1% w/w co-active	quaternary ammonium compound delivering immediate broad-spectrum kill against gram-positive bacteria, gram-negative bacteria, and enveloped viruses — complementing CHG's residual mechanism with rapid-onset action.
— pH 5.5–7.0	formulated within the skin's natural pH range — prevents the acid mantle disruption that causes dryness, fissuring, and dermatitis under the repeated hand hygiene demands of clinical and food-handling environments.
— Mild emollient system	maintains skin barrier integrity under 20–30 daily washes — the threshold at which standard soap formulations begin causing measurable skin damage and compliance reduction.
— Dispense	2–3 ml per wash from pump or sensor dispenser.

AT A GLANCE

pH	5.5–7.0
Dilution	Ready to use — direct dispenser fill
Fragrance	Mild clinical — neutral
Pack size	5 Litres
Shelf life	24 months from date of manufacture, unopened
Rinse after use	Yes — rinse under clean running water after lathering

HOW TO USE

- 1 Dispense**
2–3 ml per wash from pump or sensor dispenser.
- 2 Lather**
Work into a lather covering all hand surfaces — palms, backs, fingers, interdigital spaces, and wrists — for a minimum of 20 seconds.
- 3 Rinse**
Rinse thoroughly under clean running water.
- 4 Dry**
Dry with single-use paper towel or air dryer. Do not use shared cloth towels in clinical environments.
- 5 Frequency**
Use at every hand hygiene indication point per institutional protocol. Formulation is designed for 20–30 daily washes without skin integrity compromise.

WHY IT WORKS

How does dual-active CHG + BKC antiseptic hand hygiene work, and why does it outperform single-active formulations? Chlorhexidine Gluconate works by binding to bacterial cell membranes and disrupting membrane integrity — but its primary clinical value is its persistent binding to skin proteins, which maintains antimicrobial activity for up to 6 hours after application. This residual effect means the skin surface continues to resist recontamination between washing events — critical in environments where hand-to-surface contact is continuous. BKC as co-active addresses CHG's relative weakness against gram-negative organisms and provides the immediate-kill component that CHG's mechanism, being slower in onset, cannot match alone. The combination delivers both rapid action on initial pathogens and sustained protection — full-spectrum temporal coverage that neither active achieves independently. The formulation pH of 5.5–7.0 maintains CHG in its most biologically active form while preserving the mild surfactant system's compatibility with skin lipids — the combination that allows high-frequency use without the dermatological consequences that cause protocol abandonment.

DID YOU KNOW

Fact CHG is the active in pre-surgical hand scrubs used in operating theatres worldwide. At 1% w/v in a daily-use handwash formulation at a clinical sink, you're running the same antimicrobial chemistry that surgeons use before procedures — at a concentration calibrated for sustained daily compliance rather than single-event intensive use.

FULL PRODUCT SPECIFICATIONS

Active ingredients	Chlorhexidine Gluconate 1% w/v + BKC 0.1% w/w
pH	5.5–7.0
Formulation type	Liquid antiseptic hand soap — ready to use
Fragrance	Mild clinical — neutral
Dilution	Ready to use — direct dispenser fill
Dispenser compatibility	Push-pump, sensor-activated, wall-mounted institutional
Rinse after use	Yes — rinse under clean running water after lathering
PPE	None required for normal use
Shelf life	24 months from date of manufacture, unopened
Pack size	5 Litres
MSDS / TDS	QR code on label · Available on request

CAUTION & STORAGE

Handle with care.

For external use only. Avoid contact with eyes. In case of eye contact, rinse immediately with copious clean water. Not for use on open wounds or broken skin without medical supervision. If skin irritation or allergic reaction develops, discontinue use and seek medical advice. Keep out of reach of children. Store in original sealed container below 30°C, away from direct sunlight and heat sources. Keep container tightly closed when not in use. Shelf life 24 months from manufacture date, unopened.

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BEFORE YOU START — PPE REQUIRED

- ✓ Disposable gloves (recommended)

QUICK REFERENCE

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HAZARD i LOW

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DON'T

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- ✗ Keep out of reach of children.

Emergency / questions: care@allesclinx.com · allesclinx.com · National Poison Control (India): 1800-116-117