DISPO PREP



CHG APPLICATORS & SWAB STICKS

More Than Skin Prep

It's a Commitment to Safety, Simplicity, and Surgical Success

SURGEINE HEALTHCARE

Introduction to CHG Applicators

Chlorhexidine Gluconate (CHG) applicators are a leap forward in pre-surgical antisepsis. They combine ***potent antimicrobial action*** *with a* ***user-friendly, no-touch delivery system*** *that streamlines the skin prep process.*

Designed to reduce variability in technique and ensure even application across all skin types, CHG applicators not only lower the ***risk of SSIs*** *but also promote consistent infection control practices across hospital departments.*

Their single-use, sterile packaging and ergonomic design help clinicians adhere to best practices-efficiently and confidently-at the point of care.



India's First CHG Applicator

Clinically Proven Protection,
Globally Aligned, Locally Innovated

Applicator Design Highlights

Sponge Technology:
The sponge head adjusts to skin contours, allowing thorough coverage of complex or curved anatomical sites.

Pull & Push Mechanism:
Simply pull the coloured block in the centre, then push gently from the back to activate the solution.

Volume Flexibility:
Choose from small, medium, or large volumes depending on the procedural need-from a small injection to a full-body prep.

Sterility Guaranteed:
Each unit is sealed and sterilized, helping prevent pre-use contamination.

Available in clear, orange, and green tinted solutions

SURGEINE HEALTHCARE

Material & Formulation Excellence

At the heart of our CHG applicators is a clinically validated formulation of ***2% Chlorhexidine Gluconate and 70% Isopropyl Alcohol,*** *which has been featured in over* ***20 peer-reviewed clinical studies****.*



This trusted formulation provides:

Superior Skin Adhesion:

Enhances bonding of surgical drapes and maintains effectiveness even when exposed to blood or saline.

Consistency Under Pressure:

The formula retains its antimicrobial properties in challenging clinical scenarios, making it a reliable choice in ORs, ERs, and intensive care units.



Smart, Safe, and Efficient by Design

Color-Coded for Safer Use

Intuitive colour cues on the handle and sponge tip allow quick identification of sizes and formulations, reducing selection errors and improving clinical workflow.

Non-Slip Grip

Textured barrel ensures secure, stable handling-especially important in gloved or high-pressure surgical environments.

Transparent, Impact-Resistant Barrel

Durable, medical-grade plastic offers clear visibility of solution levels and structural integrity during handling and transport.

Controlled Flow System

Gravity-assisted internal design provides consistent solution delivery without dripping or splashing, ensuring clean and efficient skin prep

Minimal Residual Waste

Optimized internal channelling ensures maximum usage of the antiseptic solution, minimizing waste and cost.



Clinical Preference & Guidelines Support

Our CHG Applicator & Swab Stick are backed by major health authorities and clinical practice guidelines. They are preferred by practitioners across surgical, emergency, and outpatient settings for their superior performance in infection control.

Endorsed by global authorities: *CHG-alcohol solutions are supported by* ***CDC, WHO, AORN, ORNAC,*** *and other leading organizations for preoperative skin preparation.*

Evidence-based superiority: *Research consistently shows that* ***chlorhexidine-alcohol*** *combinations are more effective than* ***povidone-iodine*** *in reducing SSIs, especially in high-risk surgical procedures.*

These clinical endorsements and regulatory validations underscore the indispensable role of CHG applicators in today's evidence-based infection prevention protocols. As a cornerstone of preoperative skin antisepsis, CHG applicators contribute significantly to reducing the risk of SSIs and bloodstream infections-reinforcing their value in improving patient outcomes, supporting hospital safety goals, and aligning with global best practices.

Proven Protection

Our CHG applicators are formulated with a powerful combination of Chlorhexidine Gluconate and Isopropyl Alcohol (IPA), delivering immediate and sustained protection against a wide spectrum of microorganisms. Clinical studies have consistently demonstrated that our CHG formulations provide:

Rapid action:
Starts killing microbes within ***30 seconds*** *on dry skin, delivering fast and effective antimicrobial protection.*

Broad-spectrum efficacy:
Effectively eliminates gram-positive and ***gram-negative*** *bacteria, yeasts, and resistant pathogens including MRSA.*

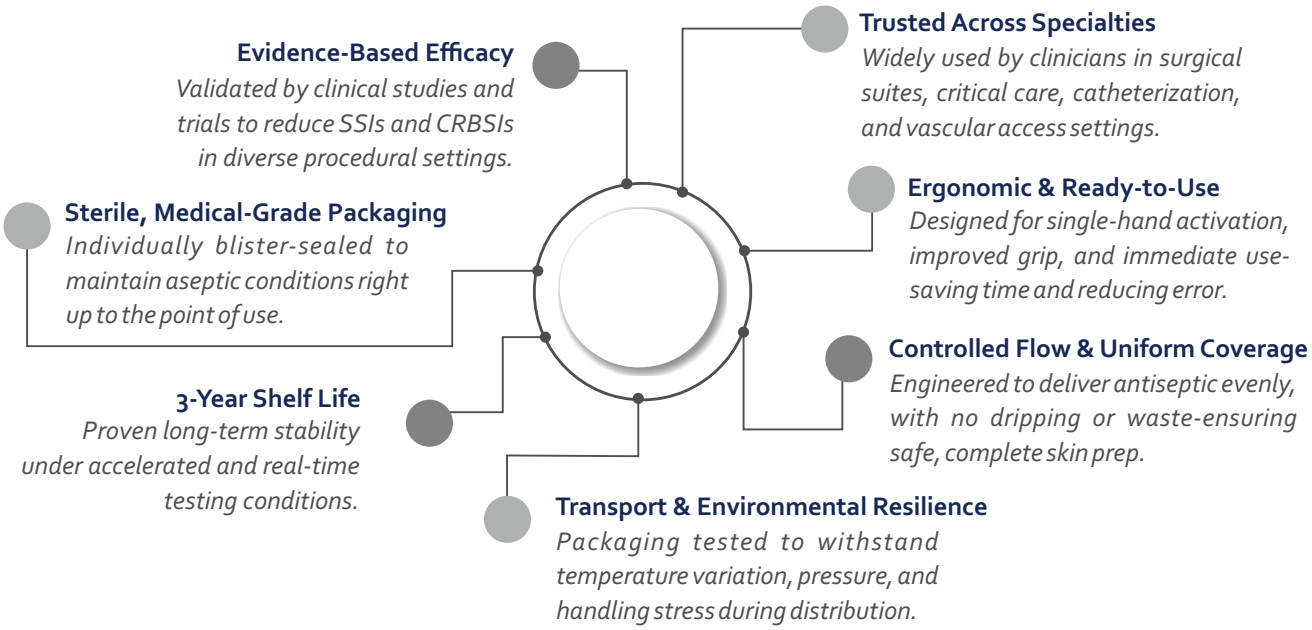
Antimicrobial protection:
The formulation provides ***up to 96 hours*** *of microbial suppression, ensuring prolonged patient safety in post-operative settings.*

Such superior performance makes our CHG applicators ideal for reducing the risk of surgical site infections (SSIs), bloodstream infections, and other healthcare-associated infections.

SURGEINE HEALTHCARE

Clinical Value & Safety Benefits

Surgeine Healthcare's CHG applicators are clinically validated tools for infection prevention, proven to reduce SSIs and CRBSIs through in vitro and human trials. Each unit is sealed in sterile, medical-grade packaging and tested for transport, environmental durability, and 3-year shelf stability.



Evidence-Based Efficacy
Validated by clinical studies and trials to reduce SSIs and CRBSIs in diverse procedural settings.

Trusted Across Specialties
Widely used by clinicians in surgical suites, critical care, catheterization, and vascular access settings.

Sterile, Medical-Grade Packaging
Individually blister-sealed to maintain aseptic conditions right up to the point of use.

Ergonomic & Ready-to-Use
Designed for single-hand activation, improved grip, and immediate use-saving time and reducing error.

3-Year Shelf Life
Proven long-term stability under accelerated and real-time testing conditions.

Controlled Flow & Uniform Coverage
Engineered to deliver antiseptic evenly, with no dripping or waste-ensuring safe, complete skin prep.

Transport & Environmental Resilience
Packaging tested to withstand temperature variation, pressure, and handling stress during distribution.

Global Recommendations

Alcohol-based antiseptics are widely endorsed across the world for preoperative skin preparation.

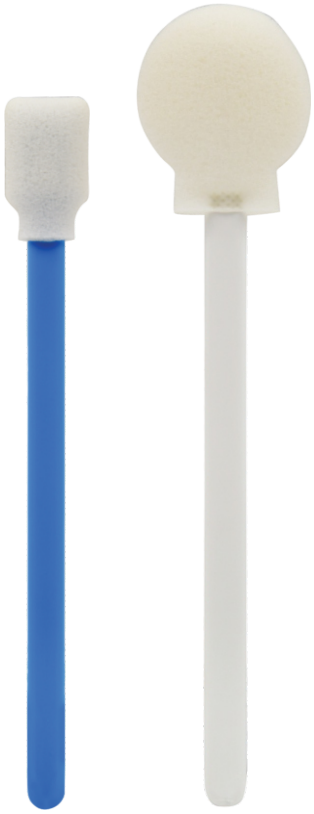
- Centers For Disease Control and Prevention (CDC)
- American College of Surgeons (ACS)
- American Society for Testing and Materials
- World Health Organization (WHO)
- Surgical Infection Society (SIS)
- International Organization for Standardization

In vitro microbiocidal test results

Strain	Contact Time	Log Reduction	Criteria
Staphylococcus aureus	5 Min. 1 Hour	>5.08 >5.08	EN 13727
Escherichia coli	5 Min. 1 Hour	>5.10 >5.10	EN 13727
Pseudomonas aeruginosa	5 Min. 1 Hour	>5.04 >5.04	EN 13727
Enterococcus hirae	5 Min. 1 Hour	>5.03 >5.03	EN 13727
Candida albicans	5 Min. 1 Hour	>4.04 >4.04	EN 13624
Aspergillus brasiliensis	5 Min. 1 Hour	>4.02 >4.02	EN 13624

Product Range Versatility

Our CHG applicator line is designed to meet the full spectrum of clinical needs—from small-scale disinfection to full surgical site preparation. We offer:



Multiple Delivery Formats:

*Choose from **applicators, pre-saturated sponge sticks,** or wipes to match different procedural needs and application areas.*

Touch Free - Smart Prep

*A powerful **CHG–IPA** formula with a **no-touch** design for effective prep and reduced hand-to-patient contact.*

Wide Volume Range:

*Available in sizes from **1.5 mL to 32 mL**-ideal for everything from injections and catheter insertions to full surgical site preparation.*

Packaging & Shelf Life

- **Extended Shelf Stability – 3 Years of Reliability**

All of our CHG applicators are specifically designed and packaged to be fully antimicrobially active for 36 months from the day of manufacture, with long-term readiness without degradation of performance.

- **Sterile, Single-Use Packaging for Maximum Safety**

Individual applicators are individually sealed within a sterility retained medical grade blister pack, kept sterile at point of use. This prevents cross-contamination and supports infection control processes within each clinical environment.

- **Versatile Supply Options for All Facility Sizes**

It is packaged in 10-unit sizes for day-to-day applications or bulk surgical trays designed specifically to fit high-volume surgery suites, emergency departments, and procedure centers – simplifying workflow and supply room inventory.



SURGEINE HEALTHCARE

Prep in 5 Simple Steps

Step 1



PEEL

the paper starting from the top right corner of the sterile packaging.

Step 2



PICK

up the applicator carefully, ensuring no contact with the foam tip.

Step 3



PULL

the colored block in the middle while holding the applicator steady.

Step 4



PUSH

from the back, tilting it at a 45-degree angle toward the floor.

Step 5



PREP

the patient's skin with several up-down and left-right strokes.



Ordering Information:

Cat No.	Description	Volume	Coverage Area
3001	CHG Swab Applicator, Clear	5.5 mL	21x21 cms (440 cm^2)
3002	CHG Swab Applicator, Clear	10.5 mL	30x30 cms (900 cm^2)
3003	CHG Swab Applicator, Clear	26 mL	50x50 cms (2500 cm^2)
3011	CHG Swab Applicator, With Tint	5.5 mL	21x21 cms (440 cm^2)
3012	CHG Swab Applicator, With Tint	10.5 mL	30x30 cms (900 cm^2)
3013	CHG Swab Applicator, With Tint	26 mL	50x50 cms (2500 cm^2)
3021	Swab Stick	1.5 mL	10x11 cms (110 cm^2)
3022	Swab Stick	3 mL	15x15 cms (225 cm^2)
3023	Swab Stick (Pack of 3)	1.5 mL	10x11 cms (110 cm^2)

Get in touch with us:

SURGEINE HEALTHCARE (INDIA) PRIVATE LIMITED

A-310, Urban Square, Sector-62, Gurugram, Haryana - 122 002, INDIA

+91 91118 89 777 **sales@surgeine.com** **www.surgeine.com**

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitation any warranty of merchantability or fitness for use. All users of the material are responsible for ensuring that is suitable for their needs, environment and end use. All data is subject to change as **SURGEINE HEALTHCARE (INDIA) PRIVATE LIMITED** deems appropriate.

Scan QR Code on Your Smart Phone or Ipad to Save A Digital Version