



CHENYANG GLOBAL GROUP

INFECTION PREVENTION SOLUTIONS

Chlorhexidine Gluconate (CHG) Prepping Products

For prevention of Surgical Site Infection (SSI) / Hospital Associated Infection (HAI)

Company Profile



**CHENYANG
GLOBAL GROUP**

Huachenyang (Shenzhen) Technology Co., Ltd. is a high-tech company established in 2008 and we are committed to integrating R&D, production, and sales of genetic test, molecular diagnosis, and stem cells. Our company enjoys more than 20 patents most of which have already been utilized in medical service and our products. Our products are mainly used for genetic test, medical institutions, bio-pharmaceuticals, hospitals, entry-exit inspection and quarantine, diagnostic reagent, and police criminal investigators and forensic experts etc. In recent years, our company constantly increases investment in independent R&D, actively attracts talents and technologies, and closely cooperates with many research institutions and hospitals at home and abroad to foster the transformation of industry-university-research fruits.

Our company has the right of import and export through **CE, FDA, CFDA, SGS** field certification. Our products are sold to countries around the world in the spirit of 'Quality, Innovation, Service, Cooperation, and Success' and have achieved widespread recognition and satisfactions from our clients.

Achievements:

- ◆ In Aug. 2013, CE rewarded;
- ◆ In Dec. 2014, FDA approved;
- ◆ Jan. 2015 to 2017, New Class 100,000 clean rooms & 10,000 Lab built;
- ◆ In Jan. 2018, New Free Sale based on GMP issued.

COMPLIANCE

- ◆ CDC (Centers for Disease Control and Prevention)
- ◆ INS (Infusion Nurses Society)
- ◆ SHEA (Society for Healthcare Epidemiology of America) IDSA (Infectious Diseases Society of America)
- ◆ APIC (Association for Professionals in Infection Control and Epidemiology)
- ◆ Department of Health and Human Services Action Plan to Prevent Healthcare Associated Infections

CHGPrep Swab Sticks and Swab Applicators meet the skin antisepsis guidelines from:

The Centers for Disease Control has targeted the prevention of catheter-related infections. Catheter-related infections are a preventable problem that affect hundreds of thousands of patients every year. These infections increase patient morbidity, lengthen hospital stays, and require additional medical interventions. One critical step in the prevention of catheter-related infection is proper skin prepping with an effective antiseptic. Which antiseptic should you use? The CDC recently announced new Guidelines for the that for cutaneous antisepsis, "... a 2% chlorhexidine-based preparation is preferred ..."

To read more: <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5110a1.htm>

Application

- ◆ Pre-injection & Preoperative Procedure.
- ◆ Peripheral IV insertions and restarts.
- ◆ Dialysis procedures Routine venipunctures Percutaneous device insertions Simple biopsies.
- ◆ Vascular Access Insertion & Maintenance.
- ◆ Routine catheter maintenance Arterial blood gas collections.
- ◆ Surgical site cleansing after suturing.
- ◆ Arterial venous fistulas (AVF)/arterial venous graphs (AVG).



Characteristics

CHG is a fast-acting, broad spectrum, persistent antiseptic that significantly reduces the number of microorganisms on intact skin.

Together, the formulation and applicator provide a proven system that supports infection control guidelines for helping to reduce the incidence of BSIs and SSIs.

CHG maintains a persistent antimicrobial function by disrupting the cell membrane and precipitating their contents. IPA quickly destroys micro-organisms by denaturing cell proteins, giving significant defense against broad-spectrum micro-organisms and rapid bactericidal action and keeps fighting bacteria for at least 48 hours. (Methicillin-resistant staph aureus [MRSA] and Vancomycin-Resistant Enterococci (VRE), Carbapenem-resistant enterobacteriaceae (CRE) are the three infamous multi-drug resistant [MDRO's])

Features

Convenience of use

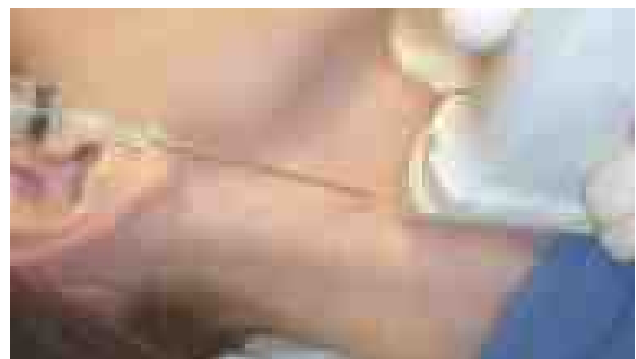
No glass and do not require activation before use. No need to wait for sponge to saturate
Aseptic technique: Latex free, single-use, long plastic handle design eliminates direct hand-to-patient contact, helping to reduce cross-contamination

Friction scrub

Soft foam sponge's gentle-friction scrub helps the solution to penetrate the first five cell layers of the epidermis where 80% of microorganisms reside

Active in protein-rich biomaterials

Remains active in the presence of blood, serum, and other protein-rich biomaterials.



Rapid-acting

Rapidly kills a broad spectrum of skin-dwelling microorganisms

Persistent

Maintains antimicrobial activity for at least 48 hours

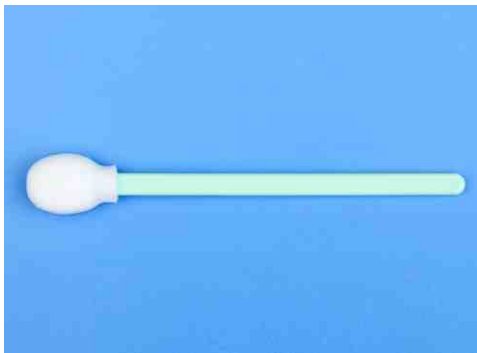
Broad spectrum

Effective against gram-positive and gram-negative bacteria including Methicillin-resistant *Staphylococcus aureus* (MRSA), Vancomycin-resistant *Enterococci* (VRE), Carbapenem-resistant enterobacteriaceae (CRE), *Clostridium difficile*, *Acineobacter*, and most viruses and fungi

CHG Prep Swab Sticks

CHG Prepping Products with formulation of 2% chlorhexidine gluconate (CHG) and 70 percent isopropyl alcohol (IPA) patient preoperative skin preparation to meet the Food and Drug Administration's (FDA) strict clinical requirements for a New Drug Application (NDA), kills more bacteria than traditional iodophors or alcohol and it is thought by many clinicians to be the most exciting breakthrough in antiseptics since povidone iodine.

Chlorhexidine Gluconate the most effective antiseptic skin prep, is now available in an innovative new swabstick technology. The design of the new CHGPrep swabstick provides a significant improvement in performance over traditional swabsticks.

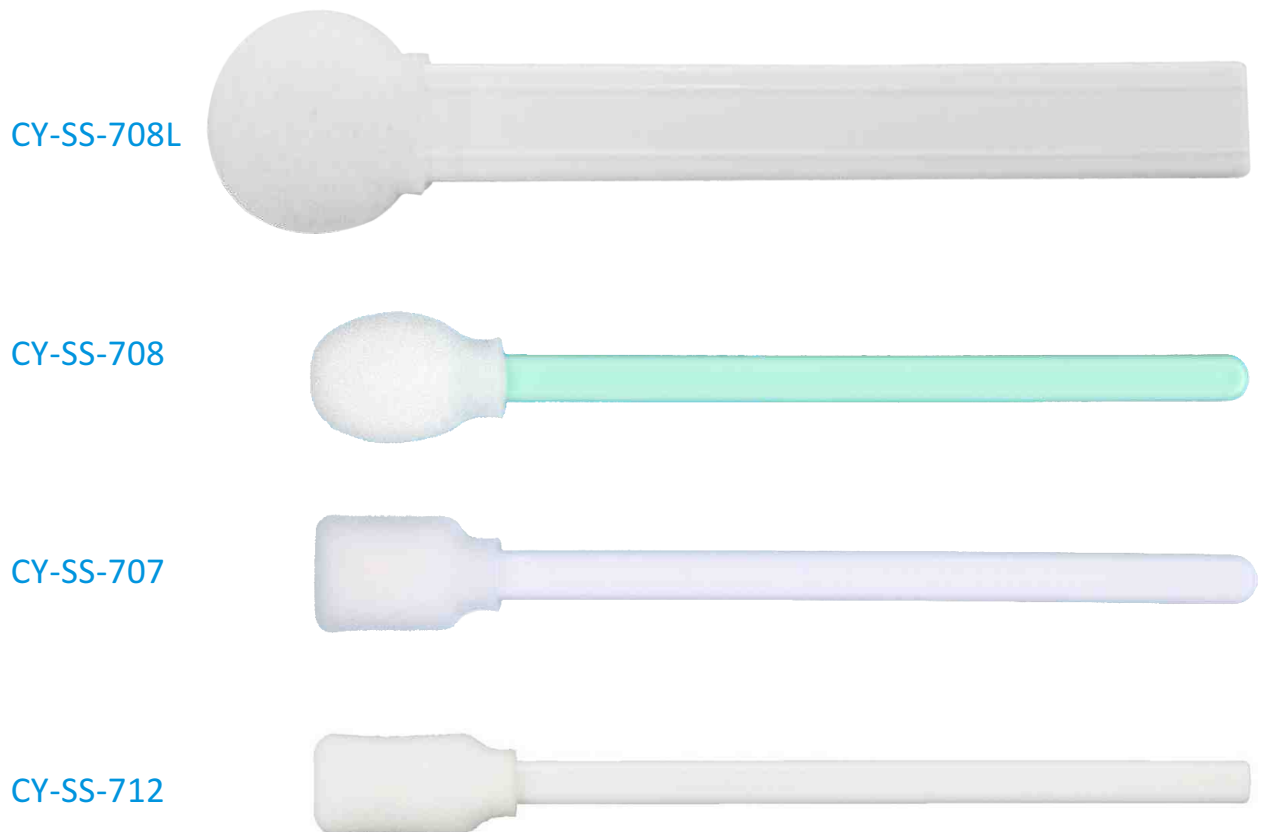


A few advantages thought by the Centers for Disease Control on Chlorhexidine Gluconate

- ◆ More effective at reducing skin bacteria than other antiseptics
- ◆ Exhibits a rapid & persistent bactericidal activity without irritating the skin
- ◆ Active in protein-rich biomaterials



Swab Stick Handle Specification



Part No.	Head Width	Head Thickness	Head Length	Headle Width	Headle Thickness	Headle Length	Total Length	Packaging
CY-SS-708L	30mm (1.181")	9.5mm (0.374")	30mm (1.181")	15.5mm (0.610")	3.5mm (0.138")	118mm (4.646")	148mm (5.827")	50 swabs/box 20 boxes/case
CY-SS-708	20mm (0.787")	10mm (0.394")	27mm (1.063")	6.7mm (0.264")	2.7mm (0.106")	105mm (4.134")	132mm (5.197")	50 swabs/box 40 boxes/case
CY-SS-707	16mm (0.630")	9.5mm (0.374")	25.5mm (1.004")	6.7mm (0.264")	2.7mm (0.106")	103mm (4.055")	128.5mm (5.060")	50 swabs/box 40 boxes/case
CY-SS-712	11.5mm (0.453")	7.5mm (0.295")	25.5mm (1.004")	5mm (0.197")	3.1mm (0.122")	92.5mm (3.642")	148mm (5.827")	50 swabs/box 40 boxes/case

CHG Prep Swab Stick

Step 1

Simply tear the pouch at the notch to reveal the Swab handle, remove the handle and apply the foam tip on the insertion site.



Step 2

Twist and remove the Swab from the Pouch.



Step 3

Place the foam flat side down on the treatment area.



Swab Sticks Product Ordering Information with 2% w/v CHG + 70% v/v IPA

Part Number	Product Description	Box Packing	Carton Packing
CY-SS-708L-2C7I	Large Circular Foam Tip with 2% w/v CHG + 70% v/v IPA	50 Swabs/Box	20 Boxes/Carton
CY-SS-708-2C7I	Circular Foam Tip with 2% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-707-2C7I	Large Rectangular Foam Tip with 2% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-712-2C7I	Rectangular Foam Tip with 2% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton

Optional Antiseptic Solution composition

It can be customized with the following formulation ratio content

- ◆ 0.5% w/v CHG (Chlorhexidine Gluconate) + 70% v/v IPA (Isopropyl Alcohol)
- ◆ 3.75% w/v CHG (Chlorhexidine Gluconate) + 70% v/v IPA (Isopropyl Alcohol)
- ◆ 4.0% w/v CHG (Chlorhexidine Gluconate) + 70% v/v IPA (Isopropyl Alcohol)
- ◆ Povidone Iodine USP 10% w/v (Equivalent to 1% Titratable Iodine)

Swab Sticks Product Ordering Information with 0.5% w/v CHG + 70% v/v IPA

Part Number	Product Description	Box Packing	Carton Packing
CY-SS-708L-0.5C7I	Large Circular Foam Tip with 0.5% w/v CHG + 70% v/v IPA	50 Swabs/Box	20 Boxes/Carton
CY-SS-708-0.5C7I	Circular Foam Tip with 0.5% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-707-0.5C7I	Large Rectangular Foam Tip with 0.5% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-712-0.5C7I	Rectangular Foam Tip with 0.5% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton

Swab Sticks Product Ordering Information with 3.75% w/v CHG + 70% v/v IPA

Part Number	Product Description	Box Packing	Carton Packing
CY-SS-708L-3.75C7I	Large Circular Foam Tip with 3.75% w/v CHG + 70% v/v IPA	50 Swabs/Box	20 Boxes/Carton
CY-SS-708-3.75C7I	Circular Foam Tip with 3.75% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-707-3.75C7I	Large Rectangular Foam Tip with 3.75% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-712-3.75C7I	Rectangular Foam Tip with 3.75% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton

Optional Antiseptic Solution composition

Swab Sticks Product Ordering Information with 4% w/v CHG + 70% v/v IPA

Part Number	Product Description	Box Packing	Carton Packing
CY-SS-708L-4C7I	Large Circular Foam Tip with 4% w/v CHG + 70% v/v IPA	50 Swabs/Box	20 Boxes/Carton
CY-SS-708-4C7I	Circular Foam Tip with 4% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-707-4C7I	Large Rectangular Foam Tip with 4% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton
CY-SS-712-4C7I	Rectangular Foam Tip with 4% w/v CHG + 70% v/v IPA	50 Swabs/Box	40 Boxes/Carton

Direction for use



Peel the pouch to remove the handle, simply pull the ring collar to activate and release antiseptic solution, apply the foam tip on the insertion site.



Step 1

Pull and remove the ring collar lock from the handle, do not touch the foam pad



Step 2

Press down to activate and release antiseptic solution to the foam pad



Step 3

Wet the treatment area with antiseptic, using gentle back-and-forth strokes

Instruction for use on SwabStick and Swab Applicator

Completely wet the treatment area with antiseptic, using gentle back-and-forth strokes, progressing from the insertion/incision site to the periphery: For dry sites (e.g., abdomen or arm):

Use gentle, repeated back-and-forth strokes for 30 seconds

For moist sites (e.g., inguinal fold or axilla):

Use gentle, repeated back-and-forth strokes for two minutes

Dry

Allow the solution to completely dry for a minimum of three minutes on hairless skin and up to one hour in hair. Do not blot or wipe away the solution.

The solution must be dry for optimal drape/ dressing adhesion.

Safety points for products containing alcohol

Do not drape or use an ignition source (e.g., cautery, laser) until the solution is completely dry for a minimum of three minutes on hairless skin and up to one hour in hair.

Do not allow the solution to pool.

Remove wet materials from the prep area.

Additional information

Use with care in premature infants or infants under 2 months of age. These products may cause irritation or chemical burns.

Discard the Swab Stick after a single use.

The Foam is latex-free and for external use. Use in a well-ventilated area.

Do not use for lumbar puncture or in contact with the meninges. Do not use on open wounds or as a general skin cleanser.

Do not use on patients with known allergies to CHG or IPA. Keep the solution out of the eyes, ears and mouth.

Store between 15 to 30 °C (59 to 86 ° F).

Avoid freezing and excessive heat above 40 ° C (104 ° F). Store within the recommended conditions to maintain the efficacy.

Before using the CHGPrep Swab Stick, read the instructions on the package. Use in accordance with the policies and procedures of your hospital.

Swab Applicator Handle Specification

Part No.	Foam Pad Width	Foam Pad Length	Top Handle Diameter	Bottom Handle Diameter	Handle Total Length	Total Swab Length	Packaging
CY-SA-105-2C7I	45 mm (1.77")	49 mm (1.929")	18.14 mm (0.714")	20.9 mm (0.823")	170 mm (6.69")	178 mm (7.0")	10 swabs/box 10boxes/case
CY-SA-260-2C7I	50.05 mm (1.971")	55 mm (2.165")	21.7 mm (0.854")	25.1 mm (0.988")	212.53 mm (8.367")	218.60 mm (8.606")	10 swabs/box 10boxes/case

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