zuverlässe®
hand in hand with hygiene
Deutsch Technologie

ZUVAGARD CHGI HANDRUB® ECO

SKIN ANTISEPTIC SOLUTION

At Zuverlasse, we go beyond supplying premium hygiene and disinfection products we redefine industry standards. Our products are meticulously engineered using cutting-edge technology, ensuring the highest levels of safety, superior performance, and seamless convenience for our customers but our commitment doesn't stop at delivering high-quality solutions. As a trusted leader in hygiene and disinfection, we are driven by a deeper purpose: to promote health, safety, and operational excellence across every environment we serve. With a relentless focus on innovation and expertise, Zuverlasse is setting new benchmarks in the industry empowering businesses with solutions they can truly rely on.

RAPID ACTION

PROLONGED PROTECTION

SKIN FRIENDLY

BROAD-SPECTRUM ACTION

NO RINSING REQUIRED

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DESCRIPTION

ZUVAGARD CHGI HAND RUB®ECO is a premium, ready-to-use alcohol-based surgical hand rub formulated with 70% Ethyl Alcohol IP and 0.5% w/v Chlorhexidine Gluconate (CHG) to deliver rapid, broad-spectrum antimicrobial efficacy with prolonged residual protection. The synergistic combination of fast-acting alcohol and persistent CHG provides immediate microbial kill while maintaining continuous antimicrobial activity on the skin, making it an ideal choice for surgical hand preparation and routine hand hygiene in critical healthcare environments. Alcohol provides rapid antimicrobial activity, while low concentrations of chlorhexidine are known to add persistent residual activity beyond alcohol alone.

Designed for healthcare professionals, ZUVAGARD CHGI HAND RUB®ECO is highly effective against Gram-positive and Gram-negative bacteria, enveloped viruses, fungi, and other clinically significant microorganisms, helping reduce the risk of cross-contamination and healthcare-associated infections (HAIs). The fast-drying, non-sticky formulation requires no water or towels, allowing quick and convenient hand antisepsis without interrupting clinical workflow. Modern alcohol-based hand rubs formulated with emollients are associated with less skin irritation than repeated soap-and-water washing when used correctly.

Enriched with Humectant and skin-conditioning emollients and moisturizers, the formulation is gentle on the skin, helping maintain its natural moisture barrier even with frequent use. It supports excellent user compliance by providing a comfortable feel without leaving residue, making it suitable for repeated daily application in hospitals, operation theatres, ICUs, emergency departments, dialysis units, laboratories, and other high-risk clinical settings. The product is developed to support internationally accepted hand hygiene practices and can be positioned for compliance with applicable EN hand hygiene standards based on validated testing performed for the product.

EUROPEAN NORM EFFICACY PROFILE

EUROPEAN NORMS	TEST ON	TEST TYPE	CONTACT TIME	QUANTITY
EN-13727:2012+A2: 2015 (E)	BACTERICIDAL	QUANTITATIVE SUSPENTION TEST	30 Seconds	1.5 ml
EN-13624:2021 (E)	YEASTICIDAL & FUNGICIDAL	QUANTITATIVE SUSPENTION TEST	30 Seconds	1.5 ml
EN-14348:2005 (E)	MYCOBACTERICIDAL	QUANTITATIVE SUSPENTION TEST	2 Minutes	1.5 ml
EN-12791:2016 (E)	BACTERICIDAL	IN-VIVO SURGICAL HAND DISINFECTION	3 Minutes	3 ml
EN-1500:2013 (E)	BACTERICIDAL	IN-VIVO HYGIENIC HANDRUB	30 Seconds	3 ml
EN 14476: 2013+A2: 2019 (E)	VIRUCIDAL	QUANTITATIVE SUSPENTION TEST	1 Minute	1.5 ml

★ Also Tested By OECD 439:2021 : In Vitro Skin Irritation: Reconstructed Human Epidermis Test Method and found to be Non- Irritant on Skin

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IDEAL APPLICATION AREAS

- **HEALTHCARE FACILITIES**
  Operation Theatres (OTs), Intensive Care Units (ICUs), Neonatal Intensive Care Units (NICUs), Pediatric Intensive Care Units (PICUs), Cardiac Care Units (CCUs), Emergency & Trauma Departments, Isolation Wards, General Wards, Outpatient Departments (OPDs), Labour & Delivery Rooms, Dialysis Units, Endoscopy Units, CSSD (before sterile procedures), Catheterization Laboratories (Cath Labs), Oncology & Transplant Units, Burn Units
- **CLINICAL & DIAGNOSTIC AREAS**
  Diagnostic Laboratories, Pathology & Microbiology Laboratories, Blood Banks, Radiology, CT & MRI Suites, Ultrasound & Procedure Rooms, Vaccination & Immunization Clinics
- **HEALTHCARE PROFESSIONALS**
  Surgeons, Physicians, Nurses, Anaesthesiologists, Dentists, Laboratory Technicians, Paramedical Staff, Infection Control Teams, Emergency Medical Personnel
- **MEDICAL & DENTAL FACILITIES**
  Hospitals, Multi-specialty Clinics, Dental Clinics, Ambulatory Surgical Centres (ASCs), Day Care Surgery Centres, Physiotherapy & Rehabilitation Centres
- **PHARMACEUTICAL & LIFE SCIENCE FACILITIES**
  Pharmaceutical Manufacturing Units, Biotechnology Laboratories, Cleanrooms, Research & Development Laboratories, Medical Device Manufacturing Facilities

GUIDELINES FOR USE – ZUVAGARD CHGI HAND RUB® ECO

ROUTINE HYGIENIC HAND DISINFECTION (1.5 ML- AS PER EN 1500 THE MINIMUM CONTACT TIME SHOULD BE ATLEAST 30 SECONDS)

- Dispense 1.5 mL (approximately one pump) of ZUVAGARD CHGI Hand Rub® ECO into the palm.
- Rub thoroughly over all hand surfaces, including palms, backs of hands, between fingers, fingertips, thumbs, and wrists.
- Continue rubbing until the hands are completely dry .
- Do not wipe or rinse after application.

SURGICAL HAND DISINFECTION (3 ML – UP TO ELBOWS- AS PER EN 1279 THE MINIMUM CONTACT TIME SHOULD BE ATLEAST 3 MIN)

- Ensure hands and forearms are clean and completely dry before application.
- Apply 3 mL of ZUVAGARD CHGI Hand Rub® ECO and rub over both hands and forearms up to the elbows, ensuring complete coverage.
- Continue rubbing until the product has fully evaporated, keeping the skin wet for the manufacturer's recommended contact time.
- Allow hands and forearms to dry completely before donning sterile gloves.

BENEFITS

- Provides rapid and effective hand antisepsis.
- Combines the immediate antimicrobial action of isopropyl alcohol with the residual activity of chlorhexidine gluconate.
- Helps reduce transient microorganisms on the hands.
- Supports prevention of healthcare-associated infections.
- Convenient waterless application—no rinsing required.
- Quick-drying and suitable for frequent use by healthcare personnel.
- Useful before and after patient contact and clinical procedures.
- Helps maintain effective hand-hygiene compliance in healthcare settings.

PRECAUTIONARY GUIDELINES

To ensure safe and effective use, avoid direct contact with the eyes and ears. Store the hand rub in a cool, dry place, away from heat sources and open flames. Do not mix with detergents or any other chemicals, as this may alter its effectiveness. Always follow recommended safety instructions to maintain proper hand hygiene and minimize risk.

COMPOSITION

Chlorhexidine Gluconate Solution IP 2.5% v/v
equivalent to Chlorhexidine Gluconate IP 0.5% w/v
Ethyl Alcohol I.P. 70% v/v
Enriched with Best Emollients and Moisturizers

PACK SIZE

100 ml (SKU 1919E)
500 ml (SKU 1900E)
1 Litre (SKU 1958 E)
5 Litre (SKU 1904E)