F10® PRODUCTS

HAND HYGIENE PRODUCTS

MY HANDS ARE CLEAN. ARE YOURS?

F10® HAND HYGIENE PRODUCTS

HIGH PERFORMANCE WITH SAFETY

F10® Hand Hygiene Products

F10 HAND SCRUB
(Liquid, use as is, in 500ml and 5 litre)

F10 ANTISEPTIC LIQUID SOAP
(Liquid, use as is, in 500ml and 5 litre)

F10 HAND GEL
(Liquid gel, use as is, in 500ml and 5 litre) SANS 636

COMPOSITION
The core actives of all F10 hand hygiene products are quaternary ammonium and biguanide compound, with non-toxic ampholytic surfactants and sequestrants

F10 HAND SCRUB		
QAC and biguanide	0.35%	Ampholytic surfactants and sequestrants, skin conditioning detergent, glycerine, fragrance, colourant, water to balance
F10 ANTISEPTIC LIQUID SOAP		
QAC and biguanide	0.23%	Ampholytic surfactants and sequestrants, skin conditioning detergent, glycerine, fragrance, colourant, water to balance
F10 HAND GEL		
QAC and biguanide	0.09%	Ampholytic surfactants and sequestrants, skin conditioning, alcohol (35%), water to balance

APPLICATIONS

F10 HAND SCRUB

Surgical hand scrub. An antiseptic preparation that substantially reduces the number of microorganisms on intact skin; it is broad-spectrum, fast-acting with a residual action.

F10 ANTISEPTIC LIQUID SOAP

Patient preoperative skin preparation. A fast-acting, broad-spectrum, and persistent antiseptic-containing preparation that substantially reduces the number of microorganisms on intact skin.

Antiseptic handwash. An antiseptic preparation designed for frequent use; it reduces the number of microorganisms on intact skin to an initial baseline level after adequate washing, rinsing, and drying; it is broad-spectrum, fast-acting, and persistent.

F10 HAND GEL

Waterless antiseptic agent. An antiseptic agent that does not require use of exogenous water. After applying the hands are rubbed together until the agent has dried.

ANTIMICROBIAL ACTION

The antimicrobial action mechanism of the F10 branded skin decontaminating products, as in all products having the F10 core actives, is taken from each component separately but in addition is due to the additive synergistic action of all components combined.

The number of organisms, most commonly present, e.g. *S. aureus, MRSA*, *Proteus* spp., *Klebsiella* spp., *Acinetobacter* spp. and *Clostridium difficile,* on intact areas of the skin can vary from 100 to $10^6/cm^2$. Bactericidal tests have been carried out in accordance with SANS 636-2001 (South African) Standard having a performance pass criteria of $>\log^3$ (>1,000 times) reduction in microbial counts, the AFNOR (French) Standard which is a $>\log^4$ (>10,000 times) reduction in microbial counts, the European Union EN Standard which is a $>\log^5$ (>100,000 times) reduction in microbial counts, and the AOAC (USA) Standard which is a $>\log^6$ (>1,000,000) reduction in microbial counts. MIC in-vitro tests have shown significant depth of performance as these results indicate.

Fungicidal, virucidal and sporicidal tests have been carried out in accordance with SANS 636-2001,AFNOR and EN Standards which require a $\log^3$ up to a $\log^5$ reduction in microbial counts respectively.

CONTACT TIMES

Contact time is a critical factor in surface acting agents. In hand hygiene applications contact times in practice for frequent use can be from 30 seconds to 1 minute but commonly as little as 15 seconds and from 2 to 6 minutes for surgical preparations. In this regard all F10 hand hygiene products have been further tested to GLP Standards and achieved a $> \log^2$ (100 times) reduction of gram positive bacteria, e.g. *Staphylococcus* spp. in 15 seconds, to 30 seconds for gram negative, e.g. *Clostridium difficile, Pseudomonas* spp. and yeasts, e.g. *Candida alibicans*.

RESIDUAL EFFECT

The residual effect of hand hygiene preparations should not be relied upon when dealing with high risk patients because of the variability of the potential challenge, 100 - log^6 organisms/cm^2, and the variability of the residual effect which is directly affected by transient surface contacts. The introduction of quick acting waterless gels overcome the practical difficulties of washing and should be used for patient to patient hand decontamination.

In preoperative surgical scrub products a residual effect is desirable. When subjected to a residual test in a GLP laboratory the F10 HAND SCRUB achieved a >99% kill after 2 successive challenges of 5,000,000 Staphyloccocus spp. applied at intervals of 30 minutes, 1 hr, 2 hrs, 3 hrs, for a contact time of 1 minute."

TOXICOLOGY

Acute oral toxicity - >5000mg/kg
Acute dermal toxicity - > 5000mg/kg

IRRITATION

Acute dermal irritation - graded 0 (non-irritating)
Acute eye irritation - graded 0 on contact with cornea and iris after 24 hrs contact (non-irritating)

DOSAGE AND DIRECTIONS FOR USE

Refer to each specific product label.

PRECAUTIONS

Ingestion: Do not induce vomiting, give milk or water to drink

WARNINGS

Do not mix with other soaps or chemicals

PRESENTATION

HPE bottles of varying sizes.
Dispensing nozzle on 500ml bottle.
Available with elbow activated wall dispenser.

STORAGE INSTRUCTION

Store below 30^{0}C in dry conditions

REGISTRATION HOLDER

Health and Hygiene (Pty) Ltd. PO Box 906, Florida Hills, 1716, South Africa

MANUFACTURED BY

Health and Hygiene (Pty) Ltd in accordance with GMP compliance (Good Manufacturing Practice)

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