

"I DEMAND QUALITY  
PRODUCTS WHICH  
PROTECT MY HANDS"



**B. BRAUN HAND HYGIENE RANGE**  
EXPERTLY FORMULATED WITH  
PROVEN EFFICACY\*

# MICROORGANISMS CAUSING MACRO PROBLEMS

## HOW?

### CLEANSING

- Wash hands with soap-free hypoallergenic wash and water when visibly dirty or visibly soiled with blood or other bodily fluids or after using the toilet.
- Cleanse before handling medication and preparing food, at the start/end of the shift and before and after long breaks.

### GENERAL AND SURGICAL DISINFECTION

Clean your hands by rubbing them with an alcohol-based hand rub. This is the preferred means for routine hand antisepsis if hands are not visibly soiled and should be used:

- Before and after touching the patient
- Before handling medication or an invasive device for patient care, regardless of whether or not gloves are used
- After contact with bodily fluids or excretions, mucous membranes, non-intact skin or wound dressings (hand washing is recommended if hands are visibly soiled)
- If moving from a contaminated body site to another body site during care of the same patient
- After contact with surfaces and objects (including medical equipment) in the immediate vicinity of the patient
- After removing sterile or non-sterile gloves

### CARE

- Cracks in dry skin are reservoirs for bacteria and thus sources of infection
- Keeping hands in good condition is an essential part of good hand hygiene and helps stop the transmission of infection
- Use a hand care lotion when necessary
- Before long breaks and after work.

You talk. We listen.

Keeping hands in good condition is an essential part of good hand hygiene and helps to stop the transmission of infection. Invest in quality products in order to keep compliance high and infections low.



Lifosan® pure






Softa-Man® and Softa-Man® ViscoRub



Trixo®-lind

# SKIN PROTECTION PLAN

WHAT? Activity	HOW? Performance	WITH? Solution	WHEN? Frequency
 <b>Hand Washing</b>	Apply washing lotion to damp hands, lather and rinse thoroughly with water. Dry with disposable towels.	Lifosan® pure	Before starting work, after the toilet, when hands are visibly soiled, after work.
 <b>Hand Disinfection</b>	Apply a palmful (approx 3-5ml) in a cupped hand, enough to cover all hand surfaces. Rub until dry (refer to IFU)	Softa-Man® Softa-Man® ViscoRub	5 Moments for Hand Hygiene
 <b>Skin/Hand Care</b>	Massage skin/hand cream into dry hands.	Trixo®-lind	Before longer breaks, after work.

## MILD, LOW-ALLERGENIC WASH LOTION

Soothing wash lotion suitable for frequent use

### Lifosan® pure - perfume free for sensitive skin

- pH-skin neutral, free of alkali, soap, perfume and colour - low allergenic formula
- Contains high quality skin care components
- Good foaming characteristics

Dispenser Pump Bottle	
SIZE	CODE
500ml	19012

Flip Cap Bottle	
SIZE	CODE
1000ml	19015

Foldable Airless Bottle	
SIZE	CODE
1000ml	180039



Lifosan® pure - Ingredients  
 Aqua, sodium laureth sulfate, cocamidopropyl betaine, sodium chloride, C12-15 alkyl lactate, starch hydroxypropyltrimonium chloride, PEG-6 caprylic / capric glycerides, allantoin, lactic acid, sodium benzoate.

# NOT ALL ALCOHOL BASED HAND RUBS ARE THE SAME

## What makes the Softa-Man® range unique?

The Softa-Man® range, comprising Softa-Man® and Softa-Man® ViscoRub, is a ready to use alcohol solution for both surgical hand disinfection (EN12791) and general hand disinfection (EN1500).

The Softa-Man® range is enriched with high quality skin emollients (dexpanthenol, allantoin and/or bisabolol) to protect hands and skin during repeated and long term use.

The Softa-Man® range is available in various sizes. Softa-Man® liquid solution contains hypoallergenic perfumes and is free of colourants. Softa-Man® ViscoRub is gel-like and is both perfume and colour free.

The Softa-Man® range has a unique 79.5% concentration dual alcohol combination as active ingredients.

Ethanol - 57% v/v (ethanol has greater activity against viruses than isopropanol<sup>1</sup>)

n-propanol - 22.5% v/v (when tested at the same concentration, n-propanol is more active against bacteria than both isopropanol and ethanol<sup>2</sup>)

### HOW TO USE

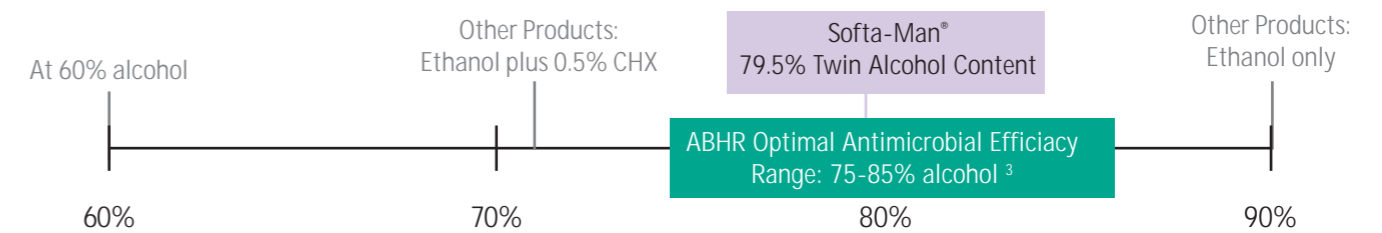
		Softa-Man®	Softa-Man® ViscoRub
General Hand Disinfection	EN1500	15 seconds	30 seconds
Surgical Hand Disinfection	EN12791	60 seconds	90 seconds

## Why dual alcohol?

Not all alcohols have the same efficacy against organisms. It's the combination and concentrations of alcohols that make the formula work faster and with greater efficacy against certain organisms such as bacteria and viruses.

WHO guidelines states that alcohol based hand rubs containing 60-80% alcohol are most effective, with higher concentrations being less potent. This paradox results from the fact that proteins are not easily denatured in the absence of water.<sup>1</sup>

WHO guidelines further indicates that alcohol-based handrubs with optimal antimicrobial efficacy usually contain 75 to 85% ethanol, isopropanol, or n-propanol or a combination of these products. The WHO-recommended formulations contain either 75% v/v isopropanol, or 80% v/v ethanol.<sup>3</sup>



Ethanol at a concentration of 60% is far less effective against resident flora than ethanol at 80% or more.<sup>4</sup>

Modern ABHRs for surgical hand antiseptics do not require CHX.<sup>5</sup>

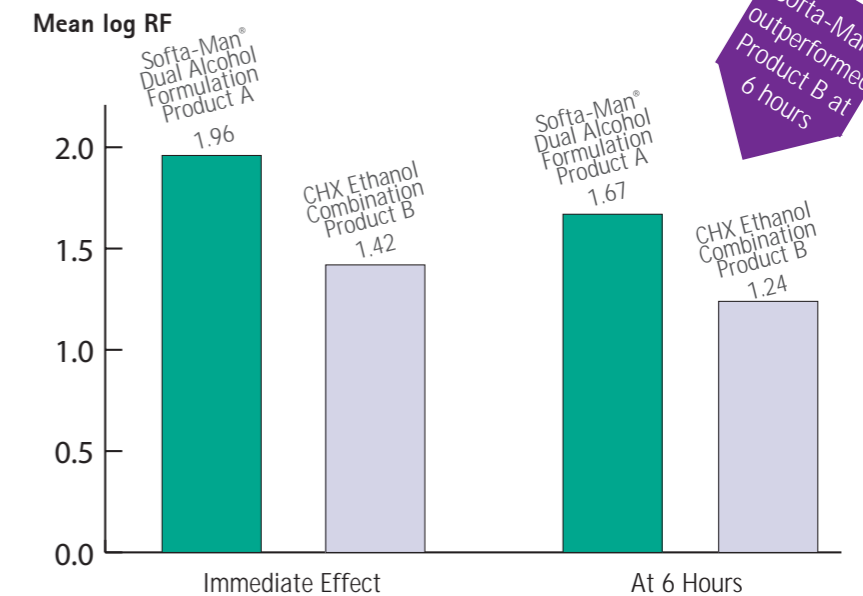
In Europe, all products must be at least as efficacious as a reference surgical rub with n-propanol, as per Norm EN 12791.<sup>6</sup>

Can be drying to the hands. Solution can evaporate faster.



Ethanol kills organisms by denaturing their proteins, dissolving lipids and is effective against most bacteria, fungi and many viruses.

With Softa-Man® having a combination of both ethanol (virucidal) and n-propanol (bactericidal), it is formulated to be optimal in hand disinfection hand rub options.<sup>7</sup>



Softa-Man® outperformed Product B both immediately and also after 6 hours by showing higher log reduction.<sup>5</sup> Statistically significant results showed that modern Alcohol Based Hand Rubs (ABHRs) for surgical hand antiseptics do not require Chlorhexidine (CHX).<sup>5</sup>

# HAND DISINFECTION FOR SENSITIVE SKIN

Fast acting liquid alcohol-based handrub

## Softa-Man® - for sensitive skin

- Liquid General Hand Disinfection in 15 seconds and Surgical Hand Disinfection in 60 seconds
- Contains ethanol 57% v/v and n-propanol 22.5% v/v
- Active against bacteria incl. MRSA, mycobacteria, fungi, enveloped viruses and rotavirus
- Includes dexpanthenol, bisabolol and allantoin to protect sensitive skin
- Colour free and low allergenic
- Tested according to EN1275, EN12054/13727, EN13624, EN14348, EN1500, EN12791



Foldable Airless Bottle		Flip Cap Bottle		Dispenser Pump Bottle	
SIZE	CODE	SIZE	CODE	SIZE	CODE
1000ml	180121	1000ml	19843	500ml	19700
				1000ml	19844

### Softa-Man® - Ingredients

100 ml solution contains active ingredients: 45 g ethanol (100%), 18 g n-propanol; Other excipients: Purified water, diisopropyl adipate, PEG-6 caprylic/capric glycerides, dexpanthenol, bisabolol, fragrance (contains limonene, linalool), allantoin.

# HAND DISINFECTION FOR SENSITIVE SKIN

Fast acting alcohol-based handrub with gel like consistency

## Softa-Man® ViscoRub - for sensitive skin

- Liquid General Hand Disinfection in 30 seconds and Surgical Hand Disinfection in 90 seconds
- Contains ethanol 57% v/v and n-propanol 22.5% v/v
- Active against bacteria incl. MRSA, mycobacteria, fungi, enveloped viruses and rotavirus
- Includes bisabolol to protect sensitive skin
- Perfume free, colour free and low allergenic
- Tested according to EN1275, EN12054/13727, EN13624, EN14348, EN14476, EN1500, EN12791



Foldable Airless Bottle		Flip Cap Bottle		Dispenser Pump Bottle	
SIZE	CODE	SIZE	CODE	SIZE	CODE
1000ml	180126	100ml	180158	500ml	180160
		1000ml	180161	1000ml	180162

### Softa-Man® ViscoRub - Ingredients

100 ml solution contains active ingredients: 45 g ethanol (100%), 18 g n-propanol (Ph.Eur.); Other excipients: Purified water, 2-butanone, glycerin, isopropyl myristate, (cetearyl ethylhexanoate), Tetrahydroxypropyl ethylenediamine, acrylates/C10-30 alkyl acrylate crosspolymer, octyldodecanol, bisabolol.

# RICH, ALLERGY TESTED MOISTURISER

## Moisture lotion for extremely dry, irritated skin

### Trixo®-lind

- We know that taking care of hands keeps compliance high and infections low
- Oil-in-water emulsion
- Allergy tested - can be used by people with allergies to long-chain aliphatic alcohols and lanolin derivatives
- Especially suitable for extremely sensitive skin - free of colours, pH-skin neutral
- Provides intensive care to skin - contains skin soothing ingredients

Foldable Airless Bottle	
SIZE	CODE
500ml	180042

Tube	
SIZE	CODE
100ml	19908

Dispenser Pump Bottle	
SIZE	CODE
500ml	18953



Trixo®-lind - Ingredients  
 Aqua, paraffinum liquidum, sorbitol, methylglucose sesquistearate, cetearyl ethylhexanoate, glyceryl stearate, phenoxyethanol, stearic acid, panthenol, allantoin, fragrance, polyacrylamide, C13-14 isoparaffin, laureth-7, citric acid, butylphenyl methylpropional, benzyl salicylate, linalool, hexyl cinnamal, citronellol, alpha methyl ionone, limonene.

### Foldable Bottles

INNOVATIVE DESIGN =  
 INNOVATIVE SOLUTIONS



# INNOVATIVE DISPENSER AND FOLDABLE BOTTLE SYSTEM

Uniquely designed foldable bottles offer hidden benefits.

- The foldable bottle design means waste volume is dramatically reduced by up to 85% compared to traditional bottle systems.
- All metal has been removed - fully recyclable benefiting both the environment and hospital.
- Airless, "vacuum" style, single use pump reduces risk of contamination to a minimum and ensures complete bottle emptying when in use.
- Complete Hand Hygiene range of hand wash, disinfection and hand care products available.
- Foldable Bottle Dispenser can be wall mounted or mounted on a mobile stand.



CLOSED SYSTEM  
 For 500 and 1000 ml

COLLAPSIBLE BOTTLES  
 Fully recyclable, reduced waste volume

LOCKABLE  
 For more safety

VOLUME INDICATOR  
 Good visibility in hallways

UNIVERSAL BACKPLATE FOR EASY MOUNTING  
 Fits common backplates

AIRLESS SYSTEM  
 No air exchange for more safety

ADAPTABLE DOSING  
 Can be set to: 0.6, 1.5, 3 ml

MODULAR SYSTEM  
 Options to add drip tray, lever, backplate and intelligence\*

CUSTOMIZATION  
 Label it with your campaign

EASY TO CLEAN  
 Smooth surfaces for easy wiping and minimal dust/microbe collection. Dishwasher proof to 60°C





PRODUCT ROTARY  
 Disinfection, wash, care

# POINT OF CARE AND PERSONAL USE ACCESSORIES, DISPENSERS, BRACKETS, CLIPS + MORE

## Encourage compliance with Hand Hygiene guidelines easily with a range of accessories.

- Dispensers for foldable airless and flip cap bottles
- Metal wall brackets in white or steel for dispenser pump bottles
- Portable brackets for dispenser pump bottles for bed and trolley use
- Personal Dispensing retractable and crocodile clips for 100ml flip cap bottles

		BOTTLE SIZE	CODE
	Manual Dispenser	500ml Foldable Bottle	3908480
		1000ml Foldable Bottle	
	Mobile Dispenser Stand (For Manual Dispenser 3908480)	500ml Foldable Bottle	3908474
		1000ml Foldable Bottle	
	Bed/Trolley Wire Basket	500ml Dispenser Pump	1416337
	Bed/Trolley Bracket w/ Clamp Steel	500ml Dispenser Pump	3908342
	Wall Bracket Bottle Holder White	500ml Dispenser Pump	3908331
		1000ml Dispenser Pump	3908332
	Wall Bracket Steel	500ml Dispenser Pump	3908339
		1000ml Dispenser Pump	3908340

		BOTTLE SIZE	CODE
	Wall Dispenser Plus with Long Arm Plastic Pump 170mm	1000ml Flip Cap	1418895
	Wall Dispenser Touchless	1000ml Flip Cap	3908393
	Single Use Pump 1.5ml for Wall Dispenser Plus & Wall Dispenser Touchless	1000ml Flip Cap	4401858
	Single Use Dosage Pump 2ml	500ml Flip Cap	3908380
		1000ml Flip Cap	3908381
	Personal Retractable Belt Clip (JoJo Clip)	100ml Flip Cap	3908409

# I WON'T STOP SPREADING THE WORD UNTIL PEOPLE STOP SPREADING GERMS



## REFERENCES

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  2. WHO Guidelines on Hand Hygiene in Healthcare. First Global Patient Safety Challenge - Clean Care is Safer Care (2009), Section 11.13, pg.39
  3. WHO Guidelines on Hand Hygiene in Healthcare: a Summary. First Global Patient Safety Challenge - Clean Care is Safer Care (2009), Section 3.1, pg.29
  4. Kampf G. and Ostermeyer C. Efficacy of two distinct ethanol-based hand rubs for surgical hand disinfection – a controlled trial according to prEN 12791. BMC Infectious Diseases. Published: 22 March 2005. BMC Infectious Diseases 2005, 5:17 doi:10.1186/1471-2334-5-17
  5. Hennig TJ, Werner S, Naujox K, Arndt A. Chlorhexidine is not an essential component in alcohol-based surgical hand preparation: a comparative study of two handrubs based on a modified EN 12791 test protocol. Antimicrob Resist Infect Control. 2017;6:96. Published 2017 Sep 13. doi:10.1186/s13756-017-0258-0
  6. WHO Guidelines on Hand Hygiene in Healthcare. First Global Patient Safety Challenge - Clean Care is Safer Care (2009), Section 13.3, pg.55
  7. Günter Kampf and Axel Kramer. Epidemiologic background of hand hygiene and evaluation of the most important agents for scrubs and rubs. Clinical Microbiology Review, 2004, 17 (4):863-893 doi: 0.1128/CMR.17.4.863-893.2004
- \* Softa-Man & Softa-Man ViscoRub tested according to EN1275, prEN 12054/13237, EN13624, EN14348, EN1500, EN12791. In addition, Softa-Man ViscoRub also tested according to EN14476

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