

HU-FRIEDY HAND ESSENTIALS™

for your most precious instruments



Hu-Friedy



LATHER. RINSE. *Relief.*

The company who's invested in the performance of your hands for over 100-years, now brings you a full line of hand care products to help with program compliance. Our moisturizers, soaps and sanitizers will be there for every glove change, disinfecting hand wash and day-ending skin routine. Non-irritating, cost effective and latex glove compatible, Hu-Friedy Hand Essentials is the perfect choice to protect and care *for your two most precious instruments.*



SANITIZERS
Sterillium® Comfort Gel™
Instant Hand Antiseptic

MOISTURIZERS
Skin Repair Cream
Moisturizing Lotion

SOAPS
Antibacterial Soap
Lotion Soap

REPAIR.

To understand the Skin Repair System is to understand the skin itself. First and foremost, the skin is an organ, and like any other organ of the human body it requires its fair share of attention. While most equate this attention solely to cleansing, by doing so they do not see the greater picture. The act of cleansing is merely a physical action and does not take product selection into consideration. Complete topical skin care does not end until the product meets the skin.

Hand Essentials Skin Repair Cream helps restore the skin's natural moisture balance. Indicated for all dental health care professionals, particularly those who are at high risk for skin breakdown due to frequent washing.



SKIN REPAIR CREAM

- IMS-1500 32 Fl oz (946 mL) Bottle w/ Pump
- IMS-1501 4 Fl oz (118 mL) Tube
- IMS-1502 2 Fl oz (59 mL) Tube
- IMS-1508 4 mL Packets, Case of 144

Poor skin condition often prevents clinicians from adequately washing their hands. Having chapped, red, irritated, or cracked hands is a barrier to hand hygiene compliance. A recommended solution is the use of a therapeutic cream to restore the skin's natural moisture barrier while delivering necessary nutrients to the skin.

Hu-Friedy Hand Essentials Skin Repair Cream contains Olivamine®, a patented blend of ingredients that delivers all of the essential nutrients necessary for optimal skin health including amino acids, vitamins, antioxidants, and methylsulfonylmethane (MSM).

Natural moisture-retaining oils, aloe vera, and dimethicone leave the skin feeling silky with no greasy residue.

Cost-effective: a small application is enough to deliver a lasting effect.

Helps deliver moisture and nutrients to your skin

Skin Repair Cream uses water molecules to not only moisturize the skin but also deliver the nutrients of Olivamine to the cells. Once absorbed, the natural oils (olive and canola) and essential fatty acids (oleic and linoleic) aid the skin repair process.

Protection for at-risk users or for daily therapeutic use

Hu-Friedy Hand Essentials Skin Repair Cream is specially formulated for dental professionals who are at-risk for skin breakdown. Skin Repair Cream helps block excessive transepidermal water loss (e-TEWL). It also provides relief to skin affected by dryness.

CHG and latex-friendly
Skin Repair Cream will not interfere with the antimicrobial properties of CHG (Chlorhexidine Gluconate). Additionally, it does not interfere with or degrade latex gloves.

Uses
Temporarily protects and helps relieve chapped or cracked skin. Beneficial for face, hands, body and legs.

Clinically Tested to be:

- CHG Compatible
- Non-Sensitizing
- Latex-Friendly
- Non-Allergenic
- Compatible with alcohol-based hand sanitizers
- pH balanced

More Repairing Benefits
Skin protectants contain silicones powerful enough to help prevent e-TEWL, yet unlike petroleum-derived products, will not occlude the skin's natural breathability. The active ingredient dimethicone helps protect the skin from moisture and perspiration.

NOURISH.

Sterillium® Comfort Gel™ is a scientifically proven, moisturizing, easy-to-use gel that not only meets all test and key use criteria – it far exceeds them.

- Kills >99.999 percent* of a broad range of nosocomial pathogens within 15 seconds, without water
- Non-irritating**
- Moisturizing**
- Cost effective: 2.4mL/application*
- Latex and non-latex glove compatible*
- CHG compatible

Alcohol-based healthcare personnel hand antiseptics are intended for frequent, repeated use. Therefore, dermal tolerance is critical: In Human Repeat Insult Patch skin testing with 213 test persons, Sterillium® Comfort Gel™ did not demonstrate any potential for eliciting dermal irritation or sensitization at all points in time.¹



STERILLIUM® COMFORT GEL™

IMS-1504 16.06 Fl oz (475 mL) Bottle w/ Pump
IMS-1504S 1.69 Fl oz (50 mL) Bottle

LOW COMPLIANCE AND BARRIERS TO HAND HYGIENE STEM FROM SKIN IRRITATION BY HAND HYGIENE AGENTS.²

LESS SKIN IRRITATION LEADS TO BETTER HAND HYGIENE COMPLIANCE.³

HIGHER COMPLIANCE PERCENTAGES LEAD TO DECREASED INFECTION RATES.⁴

Efficacy

IN VITRO TIME KILL STUDY

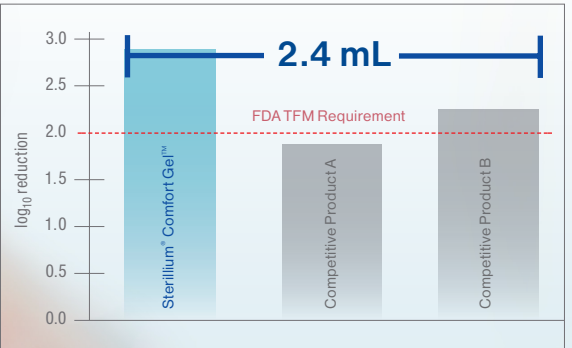
Most important nosocomial pathogens	Reduction in 15 seconds	
	Log ₁₀ *%	
<i>Candida albicans</i> , ATCC 10231	5.88	99.99987
<i>Clostridium difficile</i> , ATCC 9689***	5.34	99.99954
<i>Enterococcus faecalis</i> , ATCC 29212	7.06	99.99999
<i>Enterococcus faecalis</i> , VRE, Clinical isolate 02013	7.15	99.99999
<i>Escherichia coli</i> , ATCC 11229	6.68	99.99998
<i>Haemophilus influenzae</i> , ATCC 19418	5.86	99.99986
<i>Klebsiella pneumoniae</i> , ATCC 11296	6.58	99.99997
<i>Proteus mirabilis</i> , ATCC 7002	6.78	99.99998
<i>Pseudomonas aeruginosa</i> , ATCC 15442	6.56	99.99997
<i>Salmonella enteritidis</i> , ATCC 13076	6.79	99.99998
<i>Serratia marcescens</i> , ATCC 14756	6.87	99.99999
<i>Staphylococcus aureus</i> , ATCC 6538	6.29	99.99995
<i>Staphylococcus aureus</i> MRSA, ATCC 33591	6.60	99.99997
<i>Staphylococcus epidermidis</i> VISE, Clinical isolate 99289	6.70	99.99998
<i>Streptococcus pneumoniae</i> , ATCC 6304	5.34	99.99954
<i>Streptococcus pyogenes</i> , ATCC 19615	6.14	99.99993

Test method follows FDA TFM for Health-Care Antiseptic Drug Products.⁵ Sterillium® Comfort Gel™ achieves ≥ 5 log₁₀ (≥ 99.999 percent**) reduction of all these and 55 other tested germs within 15 seconds.⁶

Trading Economy for Efficacy

Directions for the competitors' preparations tested state to apply enough product to thoroughly cover the hands,^{7,8} but they do not mention a specific volume. Our test comparing Sterillium against two competitors products showed that for Sterillium only, 2.4 mL was sufficient to entirely cover the hands and nails.

IN VIVO TEST

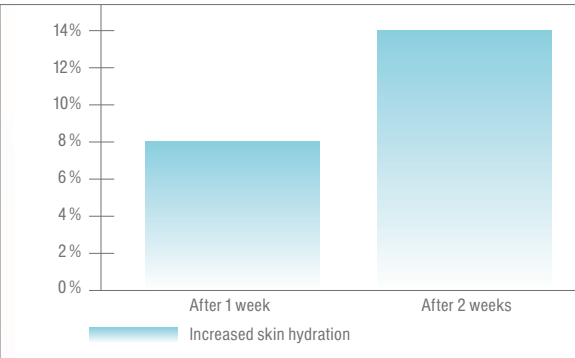


Test method follows FDA TFM for Health-Care Antiseptic Drug Products⁵ and compliant with ASTM E1174, Standard Test Method for Evaluation of Healthcare Personnel Handwash Formulations. Sterillium® Comfort Gel™ in comparison to two other alcohol-based hand sanitizers available on the market.⁹ In vivo testing shows, use of only 2.4 mL of Sterillium® Comfort Gel™ exceeds the FDA TFM efficacy requirements.¹⁰

Sterillium® Comfort Gel™ increases skin moisture content when used frequently.¹¹

In the United States, one of every 136 patients becomes severely ill as a result of hospital-acquired infections (HAI), leading to about 80,000 deaths per year.¹² Better hand hygiene compliance could reduce the potential for infection. Compliance is intrinsically tied to product acceptance. In other words, comfort drives compliance. With Sterillium® Comfort Gel™, you have a product that can help overcome potential barriers to compliance.

INCREASED SKIN HYDRATION



Sterillium® Comfort Gel™ significantly increases skin hydration after only one week of product usage compared to untreated skin.¹¹

Ingredients and Performance

- The active ingredient of Sterillium® Comfort Gel™ is Ethyl Alcohol, 85 percent (w/w), formulated with a well-balanced blend of emollients leveraging the skin care technology of Nivea® and Eucerin®.
- Meets FDA Tentative Final Monograph,⁵ CDC Guideline for Hand Hygiene in Health-Care Settings¹³ and WHO Practical Guideline.¹⁴
- The dispensing system allows the product to be placed in areas that are compliant with NFPA¹⁵ fire safety standards.
- Range includes ADA-compliant¹⁶ pocket bottles and tabletop pump bottles

* under laboratory conditions and when used as directed
** data on file
*** vegetative form

MOISTURIZE.

Hu-Friedy Hand Essentials Moisturizing Lotion nurtures and soothes skin with colloidal oatmeal, aloe vera and vitamin E.

- Non-greasy and fragrance free
- Contains dimethicone and allantoin to help retain moisture on skin
- CHG and latex-friendly
- Perfect for end of the day moisturizing



MOISTURIZING LOTION

IMS-1503 33.8 Fl oz (1000 mL) Bottle w/ Pump

CLEANSE.

Hu-Friedy Hand Essentials Lotion Soap is pH balanced and is gentle on hands, making it the perfect solution for dental professionals who wash their hands frequently.

- Gentle formula and soothing fragrance nurture both the skin and senses
- pH-balanced to help maintain proper skin and moisture ratio



LOTION SOAP

IMS-1507 16 Fl oz (473 mL) Bottle w/ Pump

REFRESH.

Hu-Friedy Hand Essentials Instant Hand Antiseptic Gel is an essential germ-killing aid to disinfect hands.

- Contains 70% (v/v) ethyl alcohol to disinfect hands of most common disease-causing bacteria
- Contains aloe vera and vitamin E to moisturize and soothe the skin
- Fragrance free



INSTANT HAND ANTISEPTIC

IMS-1505 16 Fl oz (473 mL) Bottle w/ Pump
IMS-1505S 4 Fl oz (118 mL) Bottle

PROTECT.

Hu-Friedy Hand Essentials Antibacterial Soap is effective against bacteria, yet gentle enough for frequent use.

- 0.5% triclosan helps decrease bacteria on the hands of dental professionals
- Rich, lathering clear soap rinses quickly and is ideal for repeated use



ANTIBACTERIAL SOAP

IMS-1506 16 Fl oz (473 mL) Bottle w/ Pump

CARE.

Caring for your most precious instruments when the gloves come off becomes easy with a proper hand hygiene program. This includes the correct use of soap for cleansing, sanitizer for disinfection and lotion for skin nourishment.

According to the CDC Guidelines hand hygiene substantially reduces potential pathogens on the hands and is considered the single most critical measure for reducing the risk of transmitting organisms to patients and HCP.¹⁷

Hu-Friedy Hand Essentials are medical grade products helping to ensure proper cleaning, sterilizing and moisturizing needed in the harsh environment of a dental office. The full line is CHG or latex glove compatible and offer a comprehensive and effective hand hygiene program for every dental practice.

When to Perform Hand Hygiene

Wash hands with plain soap and water or antimicrobial soap and water as follows:

- When hands are visibly dirty or contaminated with proteinaceous material or with blood or other body fluids;
- Before eating;
- After using a restroom.

Other Recommendations

- Keep nail tips (natural) less than 1/4" long.
- Do not wear artificial fingernails or extenders when having direct contact with patients at high risk.
- Use a lotion or glove that moisturizes the skin to minimize the occurrence of irritated skin that can be caused by hand hygiene products.



HANDWASHING

Hands should be washed when they are visibly soiled otherwise the use of an alcohol-based hand rub is preferable. Total handwashing time should not exceed one minute but should be at least 15 seconds.¹⁸

Technique

1. Turn on water to a comfortable temperature to moisten hands and wrists.
2. Apply soap.
3. Generate heavy lather and wash well for approximately 15 seconds, paying particular attention to areas between the fingers, around nail beds, under fingernails and back of hands.
4. Rinse well under soaking water, keeping hands low in the sink to prevent splashing.
5. Hold hands so that the water flows from wrist to fingertips.
6. Dry hands completely with a clean disposable towel.
7. Use the disposable towel to turn off faucet so your hands remain clean from any contaminants that may be on the faucet.





USING HAND ANTISEPSIS

Alcohol-based hand rubs reliably kill or inactivate pathogens on the hands, provided that all areas of the hands are thoroughly covered by the product. It is essential that alcohol-based hand antiseptics are only rubbed into dry hands or it might not be effective enough. Per the CDC, be sure hands are not visibly soiled. If visibly soiled, first perform hand wash.¹⁹

Technique

1. Rub backward and forward with clasped fingers of right hand in left palm (and then) with clasped fingers of left hand in right palm. Thoroughly work hand rub under nails and into cuticles.
2. Rub hands palm to palm, including wrists.
3. Right palm over left back of hand with interlaced fingers and left palm over right back of hand with interlaced fingers.
4. Palm to palm with fingers interlaced.
5. Tops of fingers to opposing palms with fingers interlocked.
6. Rotational rubbing of left thumb clasped in right palm and rotational rubbing of right thumb clasped in left palm.²⁰



LOTION APPLICATION

Use lotion products when indicated or as needed to help restore moisture to dry, cracked, irritated hands while delivering nutrients to the skin.

Technique

1. Spread product evenly between backs of both hands.
2. Massage the lotion completely into the skin, right palm over left back of hand with interlaced fingers and left palm over right back of hand with interlaced fingers.
3. Massage lotion completely into the cuticles and fingertips.
4. Massage lotion completely into the wrists.²¹





LATHER.
RINSE.
REPAIR.
NOURISH.
MOISTURIZE.
CLEANSE.
REFRESH.
PROTECT.
CARE.
Relief.

References

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HU-FRIEDY HAND ESSENTIALS™

MOISTURIZERS



SKIN REPAIR CREAM

Helps restore the skin's natural moisture balance.

- Aids in delivering moisture and nutrients to skin
- Contains Olivamine® to aid in the skin repair process
- CHG and latex-friendly

IMS-1500	32 Fl oz (946 mL) Bottle w/ Pump
IMS-1501	4 Fl oz (118 mL) Tube
IMS-1502	2 Fl oz (59 mL) Tube
IMS-1508	4 mL Packets, Case of 144



MOISTURIZING LOTION

Contains oatmeal, aloe vera and vitamin E for a soothing feel.

- CHG and latex-friendly
- Non-greasy and scent-free
- Perfect for end of the day moisturizing

IMS-1503	33.8 Fl oz (1000 mL) Bottle w/ Pump
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SANITIZERS



STERILLIUM® COMFORT GEL™

Scientifically proven, moisturizing, easy-to-use hand sanitizing gel.

- Kills ≥99.999% of a broad range of nosocomial pathogens within 15 seconds
- Proven at only 2.4 mL per application
- CHG and latex-friendly

IMS-1504	16.06 Fl oz (475 mL) Bottle w/ Pump
IMS-1504S	1.69 Fl oz (50 mL) Bottle



INSTANT HAND ANTISEPTIC

An essential germ-killing aid to disinfect hands.

- Contains Vitamin E and Aloe Vera to condition skin
- 70% v/v ethyl alcohol gel dries quickly on hands
- Scent-free formula

IMS-1505	16 Fl oz (473 mL) Bottle w/ Pump
IMS-1505S	4 Fl oz (118 mL) Bottle

SOAPS



ANTIBACTERIAL SOAP

Effective against bacteria, yet gentle enough for frequent use.

- Rich lathering, quick-rinsing soap
- 0.5% Triclosan active antibacterial ingredient

IMS-1506	16 Fl oz (473 mL) Bottle w/ Pump
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LOTION SOAP

Gentle on hands and pH balanced.

- Enriched with moisturizing skin conditioners
- Rich feel, clean light scent

IMS-1507	16 Fl oz (473 mL) Bottle w/ Pump
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