Would you like
a time saving disinfectant for:
CVC initiation and
discontinuation of dialysis treatment,
PD transfer set change,
injection port disinfection?

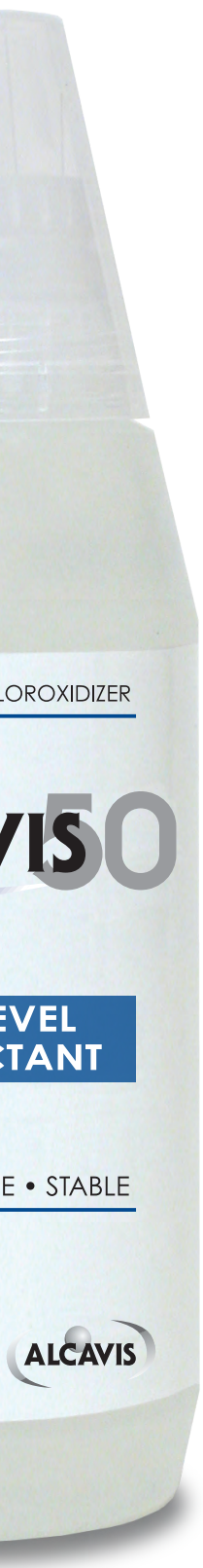
ALCAVIS 50

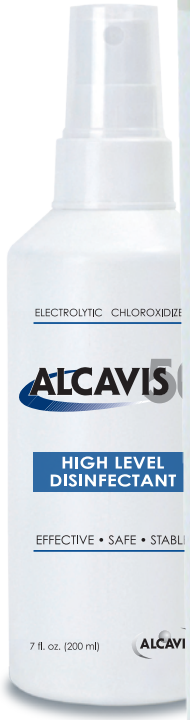
High Level Disinfectant

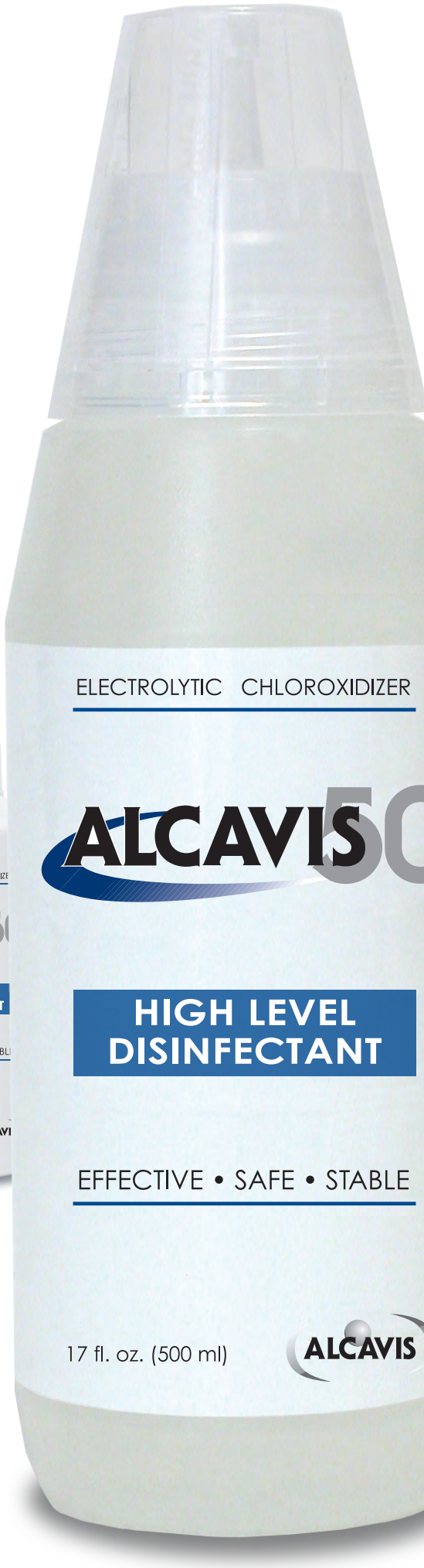
Alcavis 50 reduces the required contact time to 2 minutes.
Alcavis 50 is compatible with silicone and polyurethane catheters, connectors and caps currently available on the market.
Alcavis 50 is the clear non-staining solution for dialysis disinfection.

ALCAVIS HDC

Contact us at:
ALCAVIS HDC, LLC
8322 Helgerman Court - Gaithersburg - MD 20877 - USA
1 (800) 726-2308
www.alcavisHDC.com







Product Codes:
200 ml spray: 15502
250 ml bottle: 15508
500 ml bottle: 15501

Alcavis 50

Electrolytically produced
Sodium Hypochlorite
5,500 ppm Available Chlorine

Active Ingredient:
Sodium Hypochlorite (NaOCl) 0.55%
Inert Ingredients:
Sodium Chloride (NaCl) 9.0%
Purified Water (H_2O) q. s.

Alcavis 50

Effective
high level disinfectant, fast acting, active against bacteria, fungi, spores, mycobacteria and viruses

Safe
non sensitizing, non allergenic

Compatible
can be used with all catheters and connectors currently on the market

TABLE OF ANTIMICROBIAL ACTIVITY

Germ	Strains	CFU/ml	KE%	Time in minutes 1′ 5′ 15′
Staphylococcus aureus	SG 511	10^8	100	
Streptococcus faecalis	ATCC 10541	10^8	100	
Escherichia coli	NCTC 8196	10^8	100	
Klebsiella pneumoniae	ATCC 13883	10^8	100	
Proteus vulgaris	NTCT 4635	10^8	100	
Pseudomonas aeruginosa	ATCC 15442	10^8	100	
Mycopacterium smegmatis	NCTC 333	10^8	100	
Candida albicans	ATCC 2091	10^8	100	
Herpes simplex virus	type I, VR 260	*	>99.9	
Poliovirus	VERO	*	>99.99	
HIV-1	LAI	*	>99.999	
HBV	*	*	*	

*Ask for test report details

PREPARATION OF CENTRAL VENOUS CATHETER FOR INITIATION AND DISCONTINUATION OF HEMODIALYSIS TREATMENT

SUPPLIES
- **Alcavis 50**
- (2) packages of sterile 4x4 gauze pads
- Chux sheet
- Sterile underpad
- Non sterile gloves
- Staff face shield
- Patient mask

PROCEDURE
- Staff member should wash hands and comply with clinic PPE. Patient should don a face mask.
- A sterile underpad should be placed under the catheter.
- On a chux sheet, carefully open both packages of 4x4 gauze pads keeping pads on sterile wrappers.
- Saturate both sets of 4x4 gauze pads with ample amounts of **Alcavis 50** (8 - 12 ml).
- Put on clean, non sterile gloves.
- Carefully place the catheter venous port in an **Alcavis 50** saturated 4x4 gauze pad and scrub the catheter end and port for 1 minute.
- Carefully place the catheter arterial port in an **Alcavis 50** saturated 4x4 gauze pad and scrub the catheter end and port for 1 minute. Make sure to rub in an agitating motion when cleaning ports.
- Carefully wrap the arterial port in an **Alcavis 50** saturated gauze pad.
- Carefully wrap the venous port in an **Alcavis 50** saturated gauze pad. Leave each port wrapped for at least 1 minute.
- Carefully unwrap the catheter ports for initiation of dialysis treatment per clinic protocol.
- Repeat this process for the discontinuation of the dialysis treatment per clinic protocol.

TRANSFER SET CHANGE USING ALCAVIS 50

SUPPLIES
- **Alcavis 50**
- Sterile gloves (2)
- (3-4) packages of sterile 4x4 gauze pads
- Sterile drapes (2)
- Plastic clamp without teeth
- Transfer set and other supplies to complete exchange
- Masks (2)
- Sterile cup or tray

PROCEDURE
- Have patient remove transfer set from clothing. (Do not disconnect transfer set)
- Place plastic clamp on the peritoneal catheter.
- Staff member should wash hands and don appropriate PPE. Patient should don a face mask.
- Open sterile drape.
- Open lid of sterile cup and fill with 100 ml's of **Alcavis 50**.
- Open all packages of sterile 4x4's. Saturate gauze pads with ample amounts of **Alcavis 50** (8 - 12 ml/gauze pack).
- Have patient pick up catheter and transfer set.
- Nurse should place the sterile drape under the catheter-transfer set connection. Patient should drop catheter onto sterile field.
- Open new transfer set and minicap and maintain sterility.
- Put on sterile gloves.
- Pick up first set of 4x4's saturated with **Alcavis 50** and scrub the connection between transfer set and patient catheter maintaining contact for one minute.
- Next refer to **Option 1** or **Option 2** below.

Option 1 Using the second set of 4x4's saturated with **Alcavis 50**, wrap the connection ensuring contact for one minute. Carefully twist and separate transfer set from catheter.

Option 2 Using dry sterile 4x4's , carefully twist and separate the connection and drop the patient catheter end into the sterile cup filled with **Alcavis 50**. Submerge catheter end completely for one minute.
Replace sterile gloves if cup exterior is not sterile.

- Pick up new transfer set, maintaining sterility, and apply new transfer set to catheter.
- Make sure the connection is tight.
- Remove clamp.
- Discard used supplies.

DISINFECTION OF MEDICATION PORT

SUPPLIES
- **Alcavis 50**
- (1) package of sterile 2x2 gauze pads
- PPE according to clinic's protocol

PROCEDURE
- Staff member should wash hands and comply with clinic PPE.
- Saturate 2x2 gauze pads with ample amounts of **Alcavis 50** (3 - 5 ml).
- Aseptically place **Alcavis 50** saturated 2x2 gauze pads on port to be disinfected.
- Leave gauze pads on port for 2 minutes.
- Remove gauze pads and continue according to clinic protocol.

ALCAVIS HDC

For any questions regarding this product or to request literature contact:
Alcavis HDC, LLC Customer Service at 1 (800) 726-2308 or online at www.alcavisHDC.com

Efficacy,
Safety
and **Cost Effectiveness**

ALCAVIS 100

Disinfectant for Dialysis Machines and Equipment

Alcavis 100 is effective at room temperature against vegetative bacteria and viruses including HIV and Hepatitis C.
Alcavis 100 is safe for your skin and respiratory system: no ventilation equipment is required.
Alcavis 100 is safe for the environment: no special disposal is required.
Alcavis 100 is a safe alternative to formaldehyde, bleach or peracetic acid.

ALCAVIS HDC

RESEARCH AND COMMITMENT IN DISINFECTION

Contact us at:
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8322 Helgerman Court - Gaithersburg - MD 20877 - USA
1 (800) 726-2308
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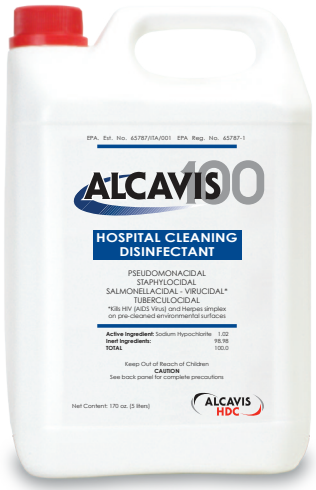


Alcavis 100

Effective
fast acting, active against bacteria,
fungi, spores, mycobacteria and viruses

Safe
non sensitizing, non allergenic, no protective clothing or special handling procedures required

Simple
no activation required, residual test strips take only seconds, less dwell time

TABLE OF ANTIMICROBIAL ACTIVITY

Germ	Strain	CFU/ml	KE%	NaOCl Conc.	Time in minutes 1' 5' 15'
Staphylococcus aureus	SG 511	10^8	100	0.0510	
Streptococcus faecalis	ATCC 10541	10^8	100	0.0510	
Escherichia coli	NCTC 8196	10^8	100	0.0510	
Klebsiella pneumoniae	ATCC 13883	10^8	100	0.0510	
Proteus vulgaris	NTCT 4635	10^8	100	0.0510	
Pseudomonas aeruginosa	ATCC 15442	10^8	100	0.0510	
Mycobacterium smegmatis	NCTC 333	10^8	100	0.0510	
Candida albicans	ATCC 2091	10^8	100	0.0102	
Herpes simplex virus	type I, VR 260	*	>99.9	0.0306	
Poliovirus	VERO	*	>99.99	0.0510	
HIV-1	LAI	*	>99.999	0.0153	
HBV	*	*	*	0.0153	

* Ask for test report for details

5 liter container

Alcavis 100

Electrolytically produced Sodium Hypochlorite 11,000 ppm Available Chlorine

Active Ingredient:
Sodium Hypochlorite (NaOCl) 1.02%
Inert Ingredients:
Sodium Chloride (NaCl) 18.0%
Purified Water (H_2O) q. s.

PROCEDURE FOR DIALYSIS MACHINE DISINFECTION

DAILY MACHINE DISINFECTION

- Substitute undiluted **Alcavis 100** for bleach.
- Pull 200 - 250 cc of **Alcavis 100** into the dialysis machine through the dialysate line or bicarbonate line. Do not use acid connector/line.
- The machine will dilute **Alcavis 100** 1:34 with water. This results in an available chlorine of 333 ± 10 ppm.
- Confirm **presence** of **Alcavis 100** with a test strip from the drain line.
- After drawing 200 - 250 cc of **Alcavis 100**, put the machine in "RINSE" procedure for 10 - 15 minutes.* (Up to a 5 minute dwell period can be performed, but is not required).
- Confirm **absence** of **Alcavis 100** with a test strip from the drain line.
- If chlorine is detected (≥ 0.5 ppm), repeat the "RINSE" procedure.

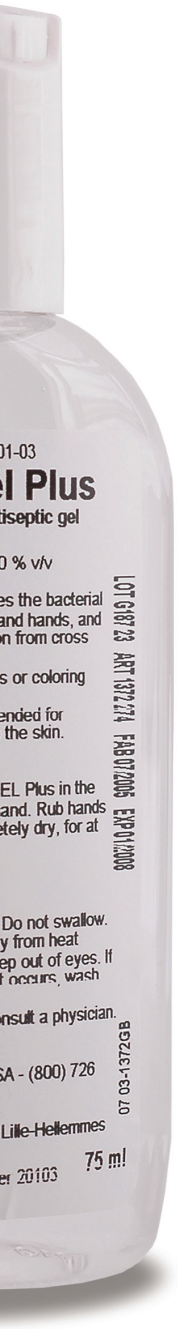
* Never let **Alcavis 100** dwell in the machine for more than 20 minutes.

PROCEDURE FOR THE DISINFECTION OF THE "WHO"

WASTE HANDLING OPTION (WHO) DISINFECTION

- Using a syringe and a WHO priming connector, inject 15 cc of **Alcavis 100** into the WHO.
- Remove the syringe and priming connector and replace the WHO rinse arm. The WHO rinse arm must be replaced, otherwise proper rinsing of the WHO will not occur.
- Allow the machine to rinse for a minimum of 5 minutes prior to setting up for the next patient.

For any question regarding this product or to request literature contact:
Alcavis HDC, LLC Customer Service at 1 (800) 726-2308 or online at www.AlcavisHDC.com



Would you like
a time saving antiseptic gel for hands?
Would you like an antiseptic gel
gentle to your skin?
Would you like to comply with
CDC and OSHA Guidelines?

ANIOSGEL PLUS

Hydroalcoholic Antiseptic Gel for Skin and Hands

ANIOSGEL Plus reduces the risk of bacterial cross contamination and infection.

ANIOSGEL Plus is effective on the skin in 30 seconds.

ANIOSGEL Plus complies with CDC Guidelines for hand hygiene in healthcare settings (MMWR Oct. 25, 2002/ vol. 51/ No. RR 16).

ALCAVIS HDC

INFECTION CONTROL SOLUTIONS AND SERVICE

Contact us at:
ALCAVIS HDC, LLC
8322 Helgerman Court - Gaithersburg - MD 20877 - USA
1 (800) 726-2308
www.AlcavisHDC.com

Product Code: 20103
75 ml (2.5 oz) bottles, 20 per case

ANIOSGEL Plus

Hydroalcoholic Antiseptic Gel
Alcohol 70% (v/v)

Active Ingredients:
Isopropanol 17% (v/v)
Ethanol 53% (v/v)
Inactive Ingredients:
Inert Ingredients 30% (v/v)

ANIOSGEL Plus

Effective
fast acting against a broad spectrum

Safe
with moisturizing and softening properties

Simple
apply 3ml and rub hands together for 30 seconds

TABLE OF ANTIMICROBIAL ACTIVITY

Microorganism	Strains	Study type	Col. Red.	Time (sec) 0 30 60
Pseudomonas aeruginosa	ATCC 15442	prEN12054	> 5 log	
Staphylococcus aureus	ATCC 6538	prEN12054	> 5 log	
Escherichia coli	CIP 54.117	prEN12054	> 5 log	
Enterococcus hirae	ATCC 10541	prEN12054	> 5 log	
Lysteria monocytogenes	4b CIP 103575	T 72-300	> 3 log	
Salmonella enteriditis	wild strain	T 72-300	> 3 log	
Candida albicans	ATCC 10231	NFEN 1275	> 3 log	
Mycobacterium terrae	ATCC 15755	T 72-301	> 5 log	
HIV-1	****	Inst. Pasteur	5 log I.P.	

ANTIBACTERIAL HAND WASHING

DIRECTIONS FOR USE

- Apply 3ml of **ANIOSGEL Plus** in the cupped hollow of your hand.
- Place fingertips of other hand in solution and swirl for 10 seconds.
- Transfer solution to the cupped hollow of your other hand. Place fingertips in solution and swirl for 10 seconds.
- Rub hands together thoroughly until completely dry, for at least 30 seconds.
- Do not rinse.

SURGICAL HAND WASHING

DIRECTIONS FOR USE

- Apply 3ml of **ANIOSGEL Plus** in the cupped hollow of your hand.
- Rub hands thoroughly until completely dry. Make sure solution contacts fingertips and interdigital spaces.
- Repeat the application two more times for a total of at least 5 minutes.
- Do not rinse.

SAFE & EFFECTIVE

ANIOSGEL Plus is an ideal hand antiseptic in fast moving environments such as dialysis clinics, ambulatory care centers and hospitals.

The gel form makes **ANIOSGEL Plus** user friendly and adds moisturizing and softening properties.

ANIOSGEL Plus is formulated without perfumes or colors for better tolerability.

The proprietary special formula makes **ANIOSGEL Plus** effective within 30 seconds for antibacterial hand wash, and 5 minutes for surgical washings.

For any questions regarding this product or to request literature contact:
Alcavis HDC, LLC Customer Service at 1 (800) 726-2308 or online at www.AlcavisHDC.com

Are clotted and blocked dialyzer headers affecting your reuse numbers?
Would you like an easy, cost effective and compliant method of cleaning dialyzer headers?

ASSIST HEADER CLEANER®

ASSIST Header Cleaner® is designed to clean dialyzer headers without concern of damaging dialyzer fibers.

ASSIST Header Cleaner® is consistent with AAMI Standard "Reuse of Hemodialyzers" RD47:2002 and has received FDA 510K clearance as a medical device.

ASSIST Header Cleaner® improves the rinsing of dialyzer headers by spraying two lateral jets of RO water that can be directed to loosen residual blood and other debris from the headers, header spaces, and header caps of multiple-use hemodialyzers prior to an approved reprocessing procedure.

ALCAVIS HDC

RESEARCH AND COMMITMENT IN DISINFECTION

Contact us at:
ALCAVIS HDC, LLC
8322 Helgerman Court - Gaithersburg - MD 20877 - USA
1 (800) 726-2308
www.alcavisHDC.com

ASSIST® HEADER CLEANER®

In the clinical setting, the **ASSIST** Header Cleaner® is used to clean residual blood and other debris from the headers, header spaces, and header caps of multiple-use hemodialyzers prior to an approved reprocessing process for hemodialyzers.

INSTRUCTIONS FOR USE

1. Use full Personal Protective Equipment including durable gloves and protective clothing when handling dialyzers and using the **ASSIST**® device as is recommended in the AAMI Standard "Reuse of Hemodialyzers" RD47:2002. Personnel shall wear eye protection when performing steps that may result in spills or splashes.
2. Disconnect all blood tubing from the dialyzer. Do not cap the dialysate ports.
3. At the reuse sink, insert the clear plastic tip into the arterial blood port and screw the **ASSIST**® into the header cap.
4. Connect the other end of the **ASSIST**® to the RO water supply using the Quick Connect.
5. Hold the dialyzer at a 45º angle.
6. Turn RO water ON, and rotate the dialyzer counterclockwise, taking care not to disconnect the **ASSIST**® from the dialyzer header. You are able to direct the jets to areas they are needed by rotating the dialyzer.
7. Turn off water and disconnect the **ASSIST**® from the blood port. Do not disconnect the **ASSIST**® from the RO water supply.
8. Flip the dialyzer so the venous end is at the top.
9. Repeat steps 3, 4, 5 and 6 on the venous end. The water will flush any clots out the arterial port.
10. Flip the dialyzer back so the arterial end is at the top, and repeat. The water will flush the loosened clots out the venous port.
11. Repeat the above steps as necessary.
12. When finished, disconnect the **ASSIST**®, wipe off any blood or foreign material, and place into a container of fresh disinfectant for 20 - 25 minutes. The dialyzer must now be processed on an approved dialyzer reprocessing system.
13. Before the next use, take the **ASSIST**® out of the disinfectant and let drain.

50 units per bag
Product Code: 50910
For use with
Gambro Polyflux®
and Asahi®
Series dialyzers.

50 units per bag
Product Code: 50911
For use with
Bellco®,
Baxter®
and Fresenius®
Series dialyzers.

Patented and Patents Pending

WARNING: Use full Personal Protective Equipment including durable gloves and protective clothing when handling dialyzers and using the **ASSIST**® device as is recommended in the AAMI Standard "Reuse of Hemodialyzers" RD47:2002. Personnel shall wear eye protection when performing steps that may result in spills or splashes.

CAUTION: Ensure correct ASSIST® device compatible with dialyzer used.
CAUTION: If any leaks are noted at the header port or the Quick Connect, tighten the connections, or discard the ASSIST® and use a new ASSIST.
CAUTION: Use only under the direction of a physician.

For any questions regarding this product or to request literature contact:
Alcavis HDC, LLC Customer Service at 1 (800) 726-2308 or online at www.alcavisHDC.com

Would you like a convenient, time saving method for high-risk surface disinfection?

Would you like a consistent, accurate and stable concentration of bleach everytime it is needed?

Would you like a choice in towel size?

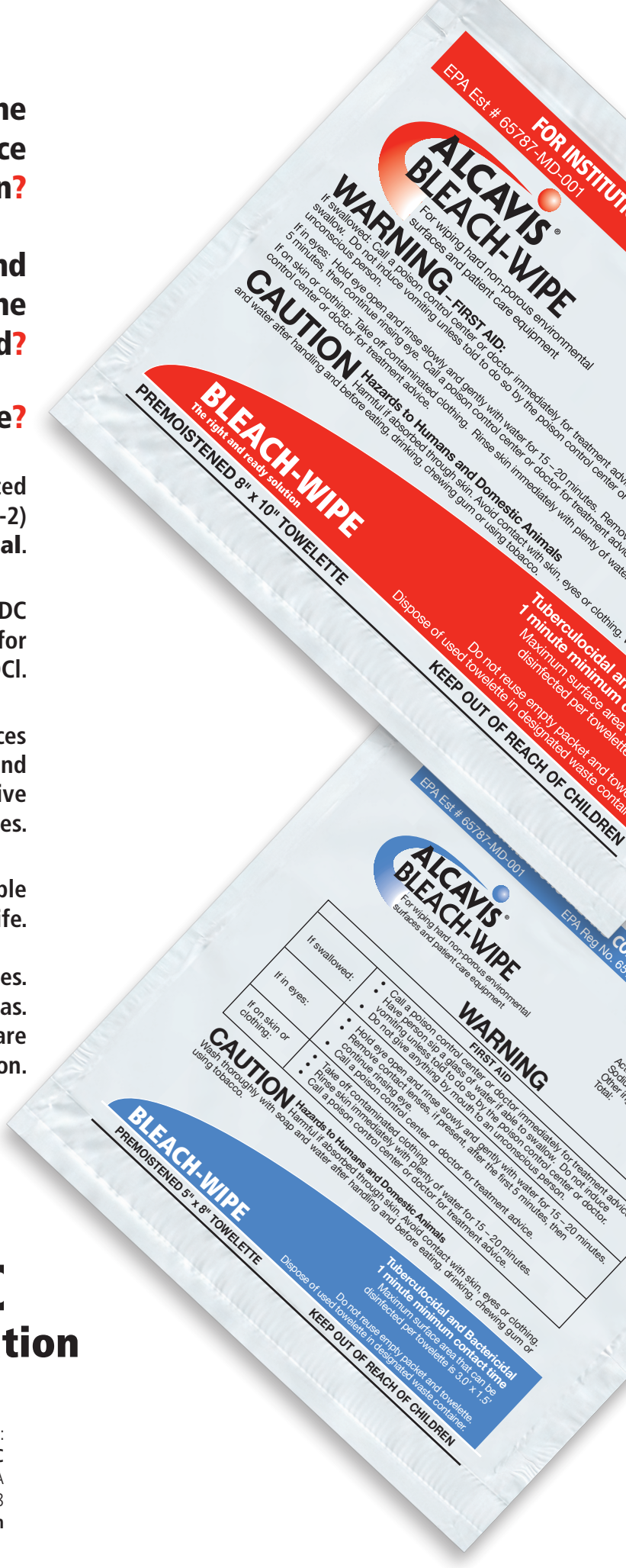
Alcavis Bleach-Wipes 1:10 dilution are a prediluted bleach towel that is EPA registered (#65787-2) **Bactericidal** and **Tuberculocidal**.

Alcavis Bleach-Wipes 1:10 dilution meets CDC Recommendations and OSHA Standard Precautions for bloodborne pathogen decontamination at 5,000 ppm NaOCl.

Alcavis Bleach-Wipes 1:10 dilution disinfects surfaces and medical equipment in one easy step. This precise and consistent dilution is ready to use, delivering effective removal of organic matter present on hard surfaces.

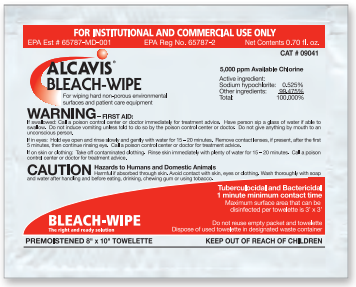
Alcavis Bleach-Wipes 1:10 dilution have a stable twelve month shelf life.

Alcavis Bleach-Wipes 1:10 Now in two sizes.
- Full size towel **8"x 10"** for large surface areas.
- Small towel **folded 2"x 2"** for smaller point-of-care equipment disinfection.



ALCAVIS® BLEACH-WIPE
1:10 Bleach Dilution

Contact us at:
ALCAVIS HDC, LLC
8322 Helgerman Court - Gaithersburg - MD 20877 - USA
1 (800) 726-2308
www.alcavisHDC.com



1 Towel Package, 100 per box
1:10 dilution (5,000 ppm)
Product Code: 09041

1 Towel Package, 140 per box
1:10 dilution (5,000 ppm)
Product Code: 09053

ALCAVIS® BLEACH-WIPE

1:10 Diluted Bleach Solution Ingredients
Sodium Hypochlorite: 0.525%
Inert Ingredients: 99.475%

EFFICACY TESTING

PASSED THE FOLLOWING EPA REQUIRED STUDIES

- Wipes Test: Presaturated towelette for hard surface disinfection-3 organism (Staphylococcus aureus, Salmonella enterica, Pseudomonas aeruginosa).
- Tuberculocidal Test: AOAC Tuberculocidal activity of disinfectants.
- HIV: Viral efficacy of presaturated towelettes for hard surface disinfection (HIV-1 virucidal).

DISINFECTION OF SURFACES

SUPPLIES

Alcavis 1:10 Bleach-Wipe

PROCEDURE

- It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
- Always use personal protective equipment (gloves).
- Open wipe packet and remove premoistened towelette.
- Wipe the desired surface to be disinfected.
- Allow surface area to dry and discard used towelette.

APPROPRIATE FOR THE FOLLOWING MARKETS

Healthcare • Dental • Government • Research

- Medical Laboratories
- Dialysis
- Long Term Health Care
- Acute Care
- Dentistry
- Ambulatory Care
- Field Emergency Response
- Military
- Veterinary
- Research Laboratories

GUIDELINES AND RECOMMENDATIONS FOR USING THE ALCAVIS 1:10 DILUTED BLEACH SOLUTION

- **CDC Guidelines for Environmental Infection Control in Healthcare Facilities, June 6, 2003/52 (RR 10): 1-42 II. Cleaning spills of blood and body substances**
  D. "An EPA-Registered sodium hypochlorite product is preferred…"
  2. "If a spill involves large amounts of blood or body fluids, or if blood or culture spill occurs in the laboratory, use a 1:10 dilution (5,000 – 6,150 ppm available chlorine) for the first application of germicide before cleaning." Category IB.

- **CDC Recommendations for Prevention of HIV Transmission in Health-Care Settings, MMWR 1987;36 (suppl no. 2S) Sterilization and Disinfection**
  "Concentrations ranging from approximately 500 ppm (1:100 dilution of household bleach) sodium hypochlorite to 5,000 ppm (1:10 dilution of household bleach) are effective depending on the amount of organic material (e.g., blood, mucus) present on the surface to be cleaned and disinfected."

- **CDC Guidelines for Preventing the Transmission of Mycobacterium tuberculosis in Health-Care Settings, 2005. 54(RR17);1-141**
  Cleaning, Disinfecting, and Sterilizing Patient-Care Equipment and Rooms
  "The tuberculocidal claim is used as a benchmark by which to measure germicidal potency. Because mycobacteria have the highest intrinsic level of resistance among the vegetative bacteria, viruses, and fungi, any germicide with a tuberculocidal claim on the label (i.e., an intermediate-level disinfectant) is considered capable of inactivating many pathogens, including much less resistant organisms such as the bloodborne pathogens (e.g., hepatitis B virus, hepatitis C virus, and HIV). "

- **OSHA Directive CPL 02-02-069; Standard 1910. 1030 Enforcement Procedures for Occupational Exposure to Bloodborne Pathogens**
  "Under paragraph **(d)(4)(ii)(A)**, cleaning of contaminated work surfaces after completion of procedures is required to ensure that employees are not unwittingly exposed to blood or OPIM remaining on a surface from previous procedures. This paragraph requires contaminated work surfaces to be cleaned with an "**appropriate disinfectant**." Appropriate disinfectants include a diluted bleach solution and EPA-registered tuberculocides (List B),…"

ALCAVIS HDC

Alcavis HDC, LLC Customer Service at 1 (800) 726-2308 or online at www.alcavisHDC.com

Would you like a convenient, time-saving method for surface disinfection?

Would you like a consistent and accurate concentration of bleach every time it is needed?

Alcavis Bleach Wipe 1:50 dilution is a prediluted bleach towel that is an EPA-registered (#65787-3) bactericidal wipe.

Alcavis Bleach Wipe 1:50 dilution meets the CDC Recommendations and OSHA Standard Precautions for bloodborne pathogen decontamination at 1,000 ppm NaOCl.

Alcavis Bleach Wipe 1:50 dilution disinfects hard, nonporous surfaces and medical equipment in one easy step. This dilution is ready to use, in the presence of organic matter, on hard surfaces.

Alcavis Bleach Wipe 1:50 dilution has a stable shelf life of 18 months.

ALCAVIS®
BLEACH-WIPE 1:50
For wiping hard, non-porous environmental surfaces and patient care equipment

Contact us at:
Alcavis HDC, LLC
8322 Helgerman Court
Gaithersburg, MD 20877-2308 - USA
1 (800) 726-2308
www.AlcavisHDC.com

1 Towel Package, 100 per box
1:50 dilution (1,000ppm)
Product Code: 09061

2 Towel Package, 50 per box
1:50 dilution (1,000ppm)
Product Code: 09062

ALCAVIS®
BLEACH-WIPE 1:50
For wiping hard, non-porous environmental surfaces and patient care equipment

1:50 Diluted Bleach Solution Ingredients
Sodium Hypochlorite: 0.10%
Inert Ingredients: 99.90%

EFFICACY TESTING

EFFECTIVE AGAINST*

MRSA, VRE, S. pneumonia, S. pyrogens, P. aeurginosa, S. enterica, S aureus

*(Not all organisms tested for California EPA)

DISINFECTION OF SURFACES

SUPPLIES

Alcavis 1:50 Bleach-Wipe

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use personal protective equipment (gloves) when disinfecting biohazardous surfaces. For heavily soiled surfaces, a preliminary cleaning is required.

PROCEDURE

- Open wipe packet(s).
- Remove premoistened towelette(s).
- Apply towelette and wipe desired surface to be disinfected.
- Treated surface must remain visibly wet for 10 minutes.
- Use additional wipe(s) if needed to assure continuous 10 minute wet contact time.
- Allow surface area to dry and discard used towelette.

APPROPRIATE FOR THE FOLLOWING MARKETS

Healthcare • Dental • Government • Research

For use on hard, non porous surfaces including stainless steel, chrome, metal, glass, vinyl, plastic, laminate, linoleum, glazed ceramic tile, glazed porcelain, and sealed or painted wood.

Areas for use include: Medical, Dental and Laboratory Counters, Exam Tables, Carts, Dialysis Machines, Point of Care Equipment, Telephones, Sink Tops, Counter Tops, Floors, Bathrooms, Tubs, Handrails, Door Knobs, Lockers and Desks.

GUIDELINES AND RECOMMENDATIONS FOR USING THE ALCAVIS 1:50 DILUTED BLEACH SOLUTION

- Rutala, W.M.: APIC Guideline and Selection for Use of Disinfectants. Am J Infection Control 1996; 24: 313-342 and Simmons, B. P.: Guideline for Hospital Environmental Control. Am J Infect Control 1983; 11:97-115. High-Level Disinfection (semi-critical items [except dental] will come in contact with mucous membrane or nonintact skin) Procedure exposure time > 20 min. Intermediate-Level Disinfection (some semi-critical and non-critical items) Procedure exposure time > 10 min.

- Recommendations for the Prevention and Control of Viral Gastroenteritis (Norovirus) Outbreaks in California Long-Term care Facilities: California Dept. of Health Services – Division of Communicable Disease Control 4. "Use an EPA-approved disinfectant or a freshly prepared sodium-hypochlorite solution of a 1:100 (500ppm) to 1:10 (5000ppm) dilution to disinfect surfaces with feces or vomitus."

ALCAVIS HDC

For any questions regarding this product or to request literature contact:
Alcavis HDC, LLC Customer Service at 1 (800) 726-2308 or online at www.alcavisHDC.com

Would you like
a time saving exit site skin cleanser?
Would you like a safe exit site skin cleanser?
Would you like an exit site skin cleanser
compatible with catheters?

ExSept Plus

Skin • Exit Site • Wound Cleanser

ExSept Plus now has expanded indications for use including catheter exit sites, wounds & burns.
ExSept Plus is ideal for routine catheter skin exit site cleansing.
ExSept Plus is non-irritating, non-sensitizing and safe for use on skin and wounds.

ALCAVIS HDC

INFECTION CONTROL SOLUTIONS AND SERVICE

Contact us at:
ALCAVIS HDC, LLC
8322 Helgerman Court - Gaithersburg - MD 20877 - USA
1 (800) 726-2308
www.AlcavisHDC.com

Product Codes:
100 ml bottle: 15104
200 ml spray: 15107
250 ml bottle: 15108
500 ml bottle: 15117

ExSept Plus

Electrolytically produced Sodium Hypochlorite
1,100 ppm Available Chlorine

Active Ingredient:
Sodium Hypochlorite (NaOCL) 0.114%
Inert Ingredients:
Sodium Chloride (NaCl) 1.7%
Purified Water (H_2O) q. s.

ExSept Plus

Effective
skin cleansing agent

Safe
non sensitizing, non allergenic, reduces irritation

Compatible
can be used with all catheters currently on the market

Versatile
can be used on the skin anywhere cleansing is needed

INDICATIONS FOR USE

Mechanical cleansing, debridement and removal of foreign material from:
- Catheter exit sites
- Exudating dirty wounds
- Stage I-IV pressure ulcers
- Diabetic foot ulcers
- Post-surgical wounds
- 1st and 2nd degree burns
- Graft and donor sites

CENTRAL VENOUS CATHETER DRESSING CHANGE

SUPPLIES
- **ExSept Plus Solution**
- (1) Sterile package of 2x2 gauze pad
- (2) Sterile 4x4 gauze pads (Two sterile 2x2 gauze pads can be substituted)
- Chux sheet
- (2) Sterile fields or sterile underpads
- Sterile gloves
- Non-sterile gloves
- Dressing: occlusive or non occlusive according to clinic protocol
- Staff face shield
- Patient mask

PROCEDURE
- Patient should don a face mask. Staff member should wash hands and use appropriate PPE.
- Place under pad under the catheter. Open sterile field onto a newly cleaned surface or chux sheet.
- Carefully open 2x2, 4x4 gauze pads and dressing onto sterile field.
- Saturate gauze pads with ample amounts of **ExSept Plus**. (4x4: 8 - 12 ml; 2x2: 3 - 5 ml)
- Staff should put on clean non-sterile gloves.
- Carefully remove old dressing from the catheter site and discard.
- Assess exit site according to clinic protocol.
- Remove non-sterile gloves.
- Staff should wash hands and put on sterile, or clean non-sterile gloves before cleansing exit site.
- Take one of the **ExSept Plus** saturated 4x4 gauze pad and clean exit site starting at the center and move in a circular motion outwards to a radius of at least 2 inches from the exit site.
- Repeat with the second **ExSept Plus** saturated 4x4 gauze pad.
- Wait two minutes for site to dry.
- Place sterile 2x2 gauze pad over the exit site, then place the dressing taking care not to kink the catheter.

PERITONEAL DIALYSIS EXIT SITE DRESSING CHANGE

SUPPLIES
- **ExSept Plus Solution**
- Sterile 4x4 gauze pads
- Sterile cotton swabs
- Chux sheet
- (2) Sterile fields or underpads
- Sterile gloves
- Non-sterile gloves
- Dressing: occlusive or non occlusive according to clinic protocol
- Staff mask
- Patient mask
- Tape

PROCEDURE
- Patient should don a face mask. Staff member should wash hands and use appropriate PPE.
- Staff should put on non-sterile gloves, and assist the patient with placing a sterile underpad beneath their catheter.
- Open sterile field onto newly cleaned surface or chux sheet.
- Carefully open 4x4 gauze pads, cotton swabs and dressing onto sterile field.
- Saturate 4x4 gauze pads and cotton swabs with ample amounts of **ExSept Plus** (8 - 12 ml).
- Assess exit site according to clinic protocol.
- Remove non-sterile gloves, wash hands, and put on new sterile gloves.
- Using sterile cotton swab, remove dried blood and exudates from the exit site. Discard old swab and use new swab to repeat until exit site is clean.
- Take (1) one **ExSept Plus** saturated 4x4 gauze pad and cleanse the exit site starting at the center and moving in a circular motion outwards to a radius of at least 2 inches from the exit site. Repeat with a new **ExSept Plus** saturated 4x4 gauze pad until the site is clean.
- **ExSept Plus** must remain on the skin for 2 minutes before applying dressing.
- Carefully apply dressing according to clinic protocol.
- Tape as needed.

SHALLOW WOUND, ULCER AND BURN CLEANSINIG

SUPPLIES
- **ExSept Plus Solution**
- (2) Sterile 4x4 gauze pads
- Chux sheet
- Staff face shield
- Gloves (sterile or clean depending on facility guidelines)

PROCEDURE 1 - Mechanical Wound Cleansing with Gauze
- Staff member don mask, wash hands and use appropriate PPE.
- Expose wound and place chux pad under area to protect skin and bedding.
- Open gauze pads and saturate with 8-12ml of **ExSept Plus**-ensure gauze pads are well saturated.
- Staff member don gloves.
- With saturated gauze pad, cleanse from the center of the wound in a circular motion working toward the edge and surrounding tissue.
- Do not return to the center of the wound due to recontamination risk.
- Repeat process with second saturated gauze pad.
- Dress wound as indicated.

PROCEDURE 2 - Mechanical Wound Cleansing - Low Pressure Irrigation with ExSept Plus bottle tip
- Staff member don mask, wash hands and use appropriate PPE.
- Expose wound and place chux pad or catch basin to collect irrigant runoff.
- Uncap ExSept Plus bottle and pour over wound bed covering all surface and edges.
- (For a slightly higher pressure irrigation, a 35ml syringe with a 19 Gauge needle attached will deliver approximately 8 PSI).
- Repeat as necessary.

For any question regarding this product or to request literature contact:
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APPROVED

AMERICAN PODIATRIC MEDICAL ASSOCIATION

Would you like an effective, time-saving skin and wound cleanser for your podiatry needs?

ExSept PLUS

Skin and Wound Cleanser

ExSept Plus Wound Cleanser is intended for the mechanical cleansing of skin debris and foreign material from epidermal and dermal wounds. **ExSept Plus** Wound Cleanser is ideal for the cleansing and debridement of onychocryptosis and other podiatry needs. **ExSept Plus** Wound Cleanser is an FDA-cleared cleanser that is non-irritating, non-sensitizing and safe for use on skin and wounds.

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Product Codes:
100 ml bottle: 15104
200 ml spray: 15107
250 ml bottle: 15108
500 ml bottle: 15117
Podiatry Kit: 15118

ExSept Plus

Electrolytically Produced
Sodium Hypochlorite
1,100 ppm Available Chlorine

Active Ingredient:
Sodium Hypochlorite (NaOCL) 0.114%

Inert Ingredients:
Sodium Chloride (NaCl) 1.7%
Purified Water (H_2O) q. s.

Skin and Wound Cleanser

ExSept Plus

Effective
skin cleansing agent

Safe
non sensitizing, non cytotoxic, non irritating

Versatile
can be used on the skin anywhere cleansing is needed

INDICATIONS FOR USE

Mechanical cleansing, debridement and removal of foreign material from:

- Ingrown toenails
- Diabetic foot ulcers
- Exit sites
- Exudating dirty wounds
- Stage I - IV pressure ulcers
- Post-surgical wounds
- 1st and 2nd degree burns
- Graft and donor sites

INGROWN TOENAIL TREATMENT

SUPPLIES

- **ExSept Plus**
- (1) 2x2 gauze pad
- Chux sheet
- Non-sterile gloves (if indicated)

PROCEDURE

- Uncover affected toe and place foot on chux sheet.
- Put on gloves.
- Carefully examine toe.
- Open gauze pad and saturate with **ExSept Plus** (5ml)
- Wrap saturated gauze pad around ingrown toenail, ensuring contact with entire affected area.
- Leave saturated gauze pad in place for 10-15 minutes.
- Use gauze pad to separate skin away from nail.
- Once cleansed, allow toe to air dry and keep the foot clean and dry.
- Discard gauze pad.
- Repeat procedure at a frequency directed by doctor.
- Report any changes to physician and follow any specific wound care instructions given by doctor.

SHALLOW WOUND, ULCER AND BURN CLEANSING

SUPPLIES

- **ExSept Plus Solution**
- (2) Sterile 4x4 gauze pads
- Chux sheet
- Staff face shield
- Gloves (sterile or clean depending on facility guidelines)

PROCEDURE 1 - Mechanical Wound Cleansing with Gauze

- Staff member don mask, wash hands and use appropriate PPE.
- Expose wound and place chux pad under area to protect skin and bedding.
- Open gauze pads and saturate with 8-12ml of **ExSept Plus**-ensure gauze pads are well saturated.
- Staff member don gloves.
- With saturated gauze pad, cleanse from the center of the wound in a circular motion working toward the edge and surrounding tissue.
- Do not return to the center of the wound due to recontamination risk.
- Repeat process with second saturated gauze pad.
- Dress wound as indicated.

PROCEDURE 2 - Mechanical Wound Cleansing - Low Pressure Irrigation with ExSept Plus bottle tip

- Staff member don mask, wash hands and use appropriate PPE.
- Expose wound and place chux pad or catch basin to collect irrigant run-off.
- Uncap ExSept Plus bottle and pour over wound bed covering all surface and edges.
- For a slightly higher pressure irrigation, a 35ml syringe with a 19 Gauge needle attached will deliver approximately 8 PSI.
- Repeat as necessary.

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Would you like a time saving antiseptic gel for hands?
Would you like an antiseptic gel gentle to your skin?
Would you like to comply with CDC and OSHA Guidelines?

MANUGEL 85

Hydroalcoholic Antiseptic Gel for Skin and Hands

Manugel 85 reduces the risk of bacterial cross contamination and infection.

Manugel 85 is effective on the skin in 30 seconds.

Manugel 85 complies with CDC Guidelines for hand hygiene in healthcare settings (MMWR Oct. 25, 2002/ vol. 51/ No. RR 16).

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RESEARCH AND COMMITMENT IN DISINFECTION

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www.alcavisHDC.com

MANUGEL 85

Hydroalcoholic Antiseptic Gel

Active Ingredients:
Ethanol 82% (v/v)
Inactive Ingredients:
Moisturizing Agents
Protective Agents

Product Code: 20217
500 ml (17 oz) bottles, 12 per case

Product Code: 30001
Hands-Free Foot Pump

Product Code: 20120
Wall Mount

MANUGEL 85

Effective
fast acting against a broad spectrum

Safe
with moisturizing and softening properties

Simple
apply 3ml and rub hands together for 30 seconds

TABLE OF ANTIMICROBIAL ACTIVITY

Microorganism	Strains	Study type	Col. Red.	Time (sec) 0 30 60
Pseudomonas aeruginosa	ATCC 15442	prEN12054	> 5 log	
Staphylococcus aureus	ATCC 6538	prEN12054	> 5 log	
Escherichia coli	CIP 54.117	prEN12054	> 5 log	
Enterococcus hirae	ATCC 10541	prEN12054	> 5 log	
Lysteria monocytogenes	4b CIP 103575	T 72-300	> 3 log	
Salmonella enteriditis	wild strain	T 72-300	> 3 log	
Candida albicans	ATCC 10231	NFEN 1275	> 3 log	
Mycobacterium terrae	ATCC 15755	T 72-301	> 5 log	
HIV-1	****	Inst. Pasteur	5 log I.P.	
Herpes virus		NTF 72-180		
Rotavirus		NTF 72-180		
Polio virus		NTF 72-180		

ANTIBACTERIAL HAND WASHING

DIRECTIONS FOR USE

- Apply 3ml (2 pumps) of **MANUGEL 85** in the cupped hollow of your hand.
- Place fingertips of other hand in solution and swirl for 10 seconds.
- Transfer solution to the cupped hollow of your other hand. Place fingertips in solution and swirl for 10 seconds.
- Rub hands together thoroughly until completely dry, for at least 30 seconds.
- Do not rinse.

SURGICAL HAND WASHING

DIRECTIONS FOR USE

- Apply 4.5ml (3 pumps) of **MANUGEL 85** in the cupped hollow of your hand.
- Rub hands thoroughly until completely dry. Make sure solution contacts fingertips and interdigital spaces.
- Repeat the application within a 3 minute rubbing time.
- Do not rinse.

SAFE & EFFECTIVE

MANUGEL 85 is an ideal hand antiseptic in fast moving environments such as dialysis clinics, ambulatory care centers and hospitals.

The gel form makes **MANUGEL 85** user friendly and adds moisturizing and softening properties.

The proprietary special formula makes **MANUGEL 85** effective within 30 seconds for antibacterial hand wash, and 3 minutes for surgical washings.

For any questions regarding this product or to request literature contact:
Alcavis HDC LLC Customer Service at 1 (800) 726-2308 or online at www.alcavisHDC.com

Would you like to use the Most Effective, High Performance dialyzers on the market? PERACIDIN is the answer.

FDA 510K-cleared for the cleaning and disinfecting of hollow fiber dialyzers.

Cleared for ALL* automatic and manual reprocessing systems.

Bactericidal, fungicidal, virucidal, sporicidal and tuberculocidal.

A high level peracetic acid disinfectant.

The perfect partner for MAKY®

PERACIDIN®
RETHINK REUSE

PeraChek® Peracetic Acid Potency Strips
Confirms concentration levels of Peracidin® in the dialyzer.

PeraSidual® Residual Peroxide Reagent Strips
Detects residuals of Peracidin®.

Contact us at:
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Gaithersburg, MD 20877
1 (800) 726-2308
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*Systems validated by manufacturer for use with peracetic acid.

The best choice for your peracetic acid disinfecting agent. Peracidin's primary active agent is Peroxyacetic acid, a cleaning agent with a long history of being the preferred disinfectant concentrate. Peracidin® is competitively priced against other dialyzer reprocessing agents on the market.

CATALOG NUMBER REFERENCE

Variety of packaging options to meet specific needs.

How Supplied	Pack	Product Numbers
Peracidin® Gallons	3 liter fill 4/case	1632-04
Peracidin® Gallon Kits	300 of each test strip	1632-05
Peracidin® Quarts	12/case	1632-12
Peracidin® Quart Kits	100 of each test strip	1632-13
PeraSidual® Test Strips	100/bottle (Residual)	1702-01
PeraChek® Test Strips	100/bottle (Potency)	1701-01

PERACIDIN®

STORAGE CONDITIONS (Concentrate and Use-Dilution)

- Store in shipping containers to protect from light.
- Store upright to prevent leaking from vented caps.
- Store at temperature between 86°F (30°C) and 32°F (0°C). **DO NOT FREEZE**

SHELF LIFE AND EXPIRATION DATE

- In the concentrated form, stability is maintained for one year when properly stored. An expiration date is assigned at the time of manufacture.
- Once diluted per instructions, the resulting solution must be used within seven (7) days, or by the concentrate's expiration date, whichever is sooner. The use period is a maximum limit and the solution must not be used when the concentration of the active ingredient has dropped below the minimum effective concentration regardless of the number of days in use.
- PeraChek® Test strips are provided to ensure the correct Peracidin® concentration in the dialyzer.
- PeraSidual® Test strips must be used to confirm proper Peracidin® rinse out prior to patient use.

DISPOSAL

- Diluted Peracidin® may be safely disposed of in sewer systems and normal waste removal facilities. Empty containers should be triple rinsed and recycled or directed to approved landfills or incinerator sites.

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ISO13485:2003 Certified