

pure & clean[®]

Safe • Effective • Trusted

Wound Management Technology

Promotes healing without damaging
the most delicate cells



www.PureAndClean.us



"As a result of our trial I can report that we have no incidents of pain in the wound care population and we have seen some amazing results in

treating patients with long standing chronic wounds and biofilm. We treated hundreds of patients during the trial. One of my colorectal surgery colleagues has been using the cleanser to irrigate contaminated wounds, including perirectal abscesses, with amazing results. One of our residents claimed it was a "miracle" in one patient. Overall I am most impressed with the Pure&Clean product line and look forward to seeing their product use expanded into other areas of healthcare."

--Martin L. Johnson, MD, MPH, FACS, CWSP
Wound Care, Division of Plastic Surgery



"The addition of the Pure&Clean products to our patient treatments at Temple University has helped in some dramatic outcomes including some of our hardest to heal patients. Clinic patients are treated with the liquid Pure&Clean hypochlorous as our front-line product for wound irrigation, during

debridement and as an antimicrobial wound bed preparation. The Antimicrobial Hydrogel product has been a game-changer for us to aid in moist wound healing but also to add an extended antimicrobial presence under dressings, especially for our 'less-than-compliant' patients. The ability to spray to varying thicknesses on a wound and stay intact, especially on vertical surfaces really simplifies the process on our more challenging patients..."

--James McGuire DPM, PT, CPED, FAPWHC
Professor at Temple University School of Podiatric Medicine
Director of Leonard Abrams Center for Advanced Wound Healing

WHAT IS HYPOCHLOROUS ACID?

Hypochlorous acid (HOCl) is a naturally occurring compound produced by neutrophils in the human body. White blood cells use HOCl to fight bacteria and inflammation after infection or trauma. HOCl is nontoxic to even the most delicate human cells. HOCl has been used for over 100 years as a disinfectant for medical equipment and as an antiseptic for cleaning wounds. The overwhelming impediment to its widespread use has been the lack of shelf stability. Because HOCl is a powerful ROS (Reactive Oxygen Species), it will easily react and turn into salt water. This makes Pure&Clean solutions environmentally friendly and safe. Unlike other chemicals with similar uses, Pure&Clean does not leave residual toxic chemicals after application. VLU studies have shown HOCl solutions increase TcPO₂ (oxygen) up to 72 hours post application.

Microorganism Efficacy Test

Test Substance Efficacy Results: These are the results of how the product performed against each test microorganism

MICROORGANISM	TIME POINT	% REDUCTION
Acinetobacter baumannii ATCC 19606	15 seconds	100%
Enterococcus faecalis (VRE) ATCC 51299	15 seconds	100%
Listeria monocytogenes ATCC 15313	60 seconds	>99.96%
Propionibacterium Acnes ATCC 6916	60 seconds	>99.99%
Candida albicans ATCC 10231	60 seconds	>99.9999%
Proteus mirabilis ATCC 7002	15 seconds	>99.9999%
Serratia marcescens ATCC 14756	15 seconds	>99.9999%
Staphylococcus aureus(MRSA) ATCC 33592	15 seconds	>99.9999%
E.Coli ATCC 8739	60 seconds	>99.9999%
Pseudomonas aeruginosa ATCC 9027	60 seconds	>99.9999%
S.aureus ATCC 6538	60 seconds	>99.9999%
A brasiliensis ATCC 16404	60 seconds	>99.9999%
K. pneumonia(CRE) ATCC BAA-2146	60 seconds	>99.9994%
C. Difficile ATCC ATCC 43598	60 seconds	>99.9999%
Human Coronavirus Strain 229-E,ATCC VR-740	15 seconds	>99.82%*
Adenovirus 2 ATCC VR-846	60 seconds	>99.99%

Fifteen seconds was the quickest time to put neutralizing agents on test cultures.

**This was the highest possible reduction due to growth restrictions*

REDUCTION IN BIOFILM

Chronic Pressure Injury



3/8/17

Initial wound, traditional wound care started



5/13/17

Progress after 2 months of traditional wound care.

Before first application of Pure&Clean.



5/15/17

Progress after one application of Pure&Clean



6/19/17

Biofilm gone after 1 month using Pure&Clean

Indications:

Pure&Clean Rx Solutions are intended to be used for cleaning and removal of foreign material including debris and microorganisms from wounds; to moisten absorbent wound dressings; and for management of 1st and 2nd degree burns, stage I-IV pressure ulcers, post surgical sites, stasis ulcers, diabetic foot ulcers, exit sites, skin graft and donor sites, and chronic dermal lesions. All can be cleaned, debrided and moistened with Pure&Clean.

SIMPLIFY WOUND CARE

Traditional Wound Care takes a layered approach. Pure&Clean reduces complexity, time and expense with a simplified, yet effective approach.

Wound Cleansing

- Apply directly on wound and peri-wound area to cleanse, moisten and debride.

Wound Dressing

- Saturate dressing with Pure&Clean.

Dressing Removal

- Apply Pure&Clean on adhesive and skin before and throughout dressing removal to facilitate removal of adherent dressing and prevent MARSI (Medical Adhesive Related Skin Injury).

Incisional Care

- Apply Pure&Clean prior to closure of the dermis
- Apply again after closure of dermis and prior to applying bandage; continue to apply Pure&Clean until incision point is completely healed - up to 3 times each day.

Sharp Debridement

- Apply Pure&Clean to rinse wound during and after procedure.
- If using a pre-soaked dressing of Pure&Clean, apply dressing to wound as needed.

Wound Lubrication

- Apply Pure&Clean Hydrogel to the application area using a full, firm pump as necessary to coat the wound and peri wound area — Shake well before application.
- To prevent transfer of Hydrogel to the dressing, spray dressing with Hydrogel prior to applying.

Regular Use

- To promote healing, use Pure&Clean often.
- Use Pure&Clean during each dressing change.
- Pure&Clean products are safe and effective; apply up to 6 times daily.

Handling: Non-toxic and non-irritating to the skin, eyes or mucous membrane. No special handling required. No special instructions for disposal.

Safety: Pure&Clean is non-irritating and non-sensitizing. Pure&Clean has passed bio-compatibility studies including ISO Ocular Irritation study and ISO Maximum Sensitivity test.

PURE&CLEAN PRODUCT SIZES

PRODUCT	SIZE	ITEM #
WOUND CLEANSER OTC PUMP SPRAY	2oz	1WC2
WOUND CLEANSER OTC SPRAY NOZZLE	8oz	1WC8
WOUND CLEANSER Rx SPRAY NOZZLE	8oz	1WC8-RX
WOUND IRRIGANT Rx SEPTA CAP	16 oz	1WC16-RX
	8oz	1WC8-RXI
	16 oz	1WC16-RXI
	32 oz	1WCQ-RXI
WOUND IRRIGANT Rx POUR CAP	2oz	1WC2-RXP
	8oz	1WC8-RXP
	16 oz	1WC16-RXP
	32 oz	1WCQ-RXP
ANTIMICROBIAL HYDROGEL™	2oz	1HG2
	8oz	1HG8

WHAT SETS

pure&clean® APART?

Higher-quality, more stable HOCl

- 💧 24-month shelf life, not effected by opening the bottle
- 💧 Stable pH between 5.5 - 6.5, promotes healing without damaging the most delicate cells
- 💧 Produced through a proprietary, electrolysis process

pure&clean®

Helping people live healthier lives in an increasingly contaminated world

417.725.3787

1083 W Kathryn St, Suite 1

Nixa, MO 65714

info@PureAndClean.us