

"I have been a nurse for over 40 years and have treated many different types of wounds during that time. Recently I have become the primary care giver of my 91-year-old mother-in-law. In the last 5 months, I have successfully healed a large skin tear on her upper arm measuring approximately 6 cm by 4 cm with a weekly dressing change and using Pure & Clean for cleansing the wound. With that success, I then used Pure & Clean to cleanse a venous stasis ulcer with excellent results within 6 weeks from the time the wound was discovered on her calf. Pure & Clean is my go-to wound cleanser."

-- Carol Siem BSN RN BC GNP

"It is extremely rare to find a therapy that is safe, effective, and economical to use, but Pure & Clean does all three and has exceeded all of my expectations in managing patients with blepharitis and other ocular diseases. It is non-toxic, gentle, and easy to use, and has proven itself time and again. We can't wait to see the future uses of this product both in clinical and everyday settings!"

-- Dr. Chad L. Carter, Missouri Eye Institute

Pure & Clean wound cleanser is the only wound care solution I use in my practice. Using Pure & Clean I am certain I am offering my patients a wound care agent that is safe, non-toxic and effective. In 3 years of use in a very busy surgical practice, I can say I have never seen an allergic or untoward reaction to this solution. I can't say that about any other wound care solution or cleanser on the market. I have also seen phenomenal results healing wounds after conventional agents have failed.

--John "Bucky" Buckner MD, FACS

PURE & CLEAN PRODUCT SIZES			
PRODUCT	SIZE	ITEM #	HPCP
WOUND CLEANSER OTC	8 oz.	PCWCOTC8	A6260
FIRST AID SOLUTION	2 oz.	PCFA2	A6260
HYDROGEL	8 oz.	PCHG8	A6260

pure & clean



pure & clean

## Wound Management Technology

Promotes healing without damaging the most delicate cells



Pure & Clean Wound Cleanser OTC  
 Pure & Clean Hydrogel  
 Pure & Clean First Aid Solution

PureAndClean.us

# WHAT IS HYPOCHLOROUS ACID?

Hypochlorous Acid is a weak acid (similar pH to intact skin), is a naturally occurring substance in our bodies and the same chemical that our own white blood cells produce to fight infection and kill bacteria. Hypochlorous Acid holds a unique place as one of the only agents known that is both nontoxic to the delicate cells that heal our wounds and protect us while being lethal to almost all known dangerous bacteria and viruses that threaten our health. The overwhelming impediment to its widespread use has been its shelf stability.

## Microorganism Efficacy Test

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

MICROORGANISM	TIME POINT	PERCENT REDUCTION
<i>Acinetobacter baumannii</i> ATCC 19606	15 Seconds	100%
<i>Enterococcus faecalis</i> (VRE) ATCC 51299	15 Seconds	100%
<i>Listeria monocytogens</i> ATCC 15313	60 Seconds	>99.96%
<i>Propionibacterium Acnes</i> ATCC 6919	60 Seconds	>99.99%
<i>Candida albicans</i> ATCC 10231	60 Seconds	>99.9999%
<i>Proteus mirabilis</i> ATCC7002	15 Seconds	>99.999%
<i>Serratia marscesens</i> ATCC 14756)	15 Seconds	>99.999%
<i>Staphylococcus aureus</i> (MRSA) ATCC 33592	15 Seconds	>99.999%
<i>E. Coli</i> ATCC 8739	60 Seconds	>99.999%
<i>Pseudomonas aeruginosa</i> ATCC 9027	60 Seconds	>99.999%
<i>S. aureus</i> ATCC 6538	60 Seconds	>99.999%
<i>A brasiliensis</i> ATCC 16404	60 Seconds	>99.999%

All microorganisms were killed in the 15 Second contact time. 15 Seconds was the quickest time to put neutralizing agents on test cultures.

Reduction in microbial growth in solution has not been shown to correlate with a reduction of infection in patients. No clinical studies have been performed to evaluate reduction of infection.

# WHAT SETS PURE & CLEAN APART?

- 18-month FDA cleared shelf-life which is not affected by opening the bottle
- Our exclusive process creates a stable, superior form of hypochlorous acid
- Our process begins with a proprietary salt water solution that undergoes electrolysis producing a pure, safe product. Most other HOCl products are simply diluted bleach.
- PH between 6.3-6.5 promoting healing without hurting

12 days post discharge with VAC removal in office and one week later (Pure & Clean, BID)

Left side of image is the day of VAC removal. Total wound size was approximately 33 sq. cm.

Right side of the image, one week later, the wound is 16 sq. cm. Greater than 50% reduction in six days.

Necrotizing Fasciitis - Healed three weeks with BID, Pure & Clean OTC.

### Case Study: Necrotizing Fasciitis



### Indications:

Pure & Clean Wound Cleanser Rx is intended to be used for cleaning and removal of foreign material including debris and microorganisms from wounds, is used to moisten absorbent wound dressings and for management of 1st and 2nd degree burns, minor cuts, superficial abrasions of the skin, pressure ulcers stage I-IV, stasis ulcers, diabetic foot ulcers, skin graft and donor sites, and chronic dermal lesions – all can be cleaned, debrided and moistened with Pure & Clean Wound Cleanser.

# HOW TO USE PURE & CLEAN

### Wound Cleansing

- Hold upright 4 to 6 inches from wound
- Spray liberally and directly on the wound and peri-wound area to cleanse, moisten and debride
- Leave on the wound without wiping or rinsing

### Wound Dressing

- Use Pure & Clean Wound Cleanser to moisten dressing
- Saturate the dressing with Pure & Clean by pouring onto the dressing
- Apply moist dressing directly onto the wound and secure as needed

### Dressing Removal

- Use Pure & Clean to facilitate removal of adherent dressings
- Spray the adhesive and the skin to ease the removal
- Press down on the skin as the tape is gently pulled back on itself. Spray Pure & Clean throughout the process to help prevent MARS (Medical Adhesive-Related Skin Injury)

### Incisional Care

- Spray Pure & Clean into the area prior to closure of the dermis
- After closure, spray again prior to applying a bandage

### Sharp Debridement

- Apply Pure & Clean to rinse the wound during and after the procedure
- If using a pre-soaked dressing of Pure & Clean, apply it to the wound as needed
- If not using a pre-soaked dressing, flood or flush the wound with Pure & Clean Wound Cleanser

### Wound Lubrication

- Use Pure & Clean Wound Cleanser to lubricate the wound and help keep it moist
- If a hydrogel is preferred to maintain lubrication, the Pure & Clean Hydrogel is recommended
- Pure & Clean Hydrogel delivers a thick gel when the bottle is held close (one inch), using a full, firm pump
- Pure & Clean Hydrogel does not run or liquefy quickly, but maintains the gel status for periods of time to keep the wound moist longer

### Regular Use

- To promote healing, use the Pure & Clean products often
- They are safe and effective to use as often as desired; daily or multiple times a day
- Use Pure & Clean every dressing change

**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 nonsensitizing, having passed many bio-compatibility studies including ISO Ocular Irritation study and ISO Maximum Sensitivity test.