

*Exceedingly* **Effective**

*Remarkably* **Persistent**

*Surprisingly* **Gentle on the Skin**

Provodine® is a next-generation professional antiseptic that meets or exceeds FDA requirements for use as a Surgical Scrub, Pre-Operative Skin Preparation, Healthcare Personnel Hand Wash, and First Aid Antiseptic.

Built on Microdermis' patented Amidermal® technology platform, Provodine® has demonstrated class-leading effectiveness against a wide range of microbes. Its unique formula ensures that it remains present and active for at least 6 hours, while at the same time nourishing the skin and preventing the dryness and damage associated with other products.

**The Provodine® Advantage**

Key Features & Clinical Benefits	Provodine (PVP-Iodine + Amidermal Delivery)	Betadine (PVP-Iodine)	Hibiclens (CHG + detergents)	ChloroPrep (CHG + alcohol)
FDA "Category 1" OTC-regulated	◆	◆		
6-hour persistence	◆			◆
9-hour active kill*	◆			
8 hours of moisturization; helps prevent dry, chaffed skin	◆			
Barrier-enhancing action	◆			
Ideal for First Aid kits and field use (no water required)	◆	◆		◆
Patented delivery system	◆			
Helps facilitate wound healing	◆			
Kills* 99.999% MRSA	◆	◆	◆	◆
Kills* most viruses	◆	◆	incomplete data	incomplete data
No known resistant strains	◆	◆		
Low allergic potential	◆			
Bonds to epidermis	◆		◆	◆
Highly flammable				◆
Multi-product application; reduces SKUs, improved inventory mgmt	◆		◆	

\* under laboratory conditions

Supporting data on file at Microdermis.

Provodine® uses a proven active ingredient, Povidone-Iodine (PVP-Iodine), but with significantly improved performance due to its patented multi-layered Amidermal® delivery platform.

Microdermis' unique Amidermal technology enables significantly enhanced kill strength, killing the most dangerous microbes. There are currently no known resistant strains to Provodine, making it especially useful for deployment in challenging environments with an unknown mix of infection sources, such as in military field hospitals and with globally-deployed NGO personnel.

The Amidermal technology also extends the potency window of the active ingredient, with a *persistence exceeding 6 hours*.

All of this remarkable antimicrobial performance comes in a surprisingly skin-friendly lotion. Provodine contains a proprietary blend of skin moisturizers and humectants that are essential to healthy skin. These *ingredients nourish and rebuild the skin*, eliminating dryness and cracking, which are not only uncomfortable, but also create portals for microbes. Healthy skin leads to better compliance with hand hygiene protocols. Finally, Provodine's natural color allows for precise and controlled application.

The remarkable performance of Provodine has been demonstrated in a comprehensive series of tests and trials, both laboratory-based and in real-world clinical settings. Provodine is undergoing continuous testing to establish further evidence of its market-disruptive capabilities.

Using Provodine in your institution can make a genuine difference for both patients and healthcare personnel.

*Apart from its penchant for the seriously ill within intensive care units, Acinetobacter baumannii has more recently caused a range of infectious syndromes in military personnel injured in the Iraq and Afghanistan conflicts. **Provodine is effective against this multi-drug resistant HAI.***

*Hand hygiene is the primary measure to reduce infections. **Provodine's game-changing infection control technology will make a genuine difference in the lives of patients around the world.***