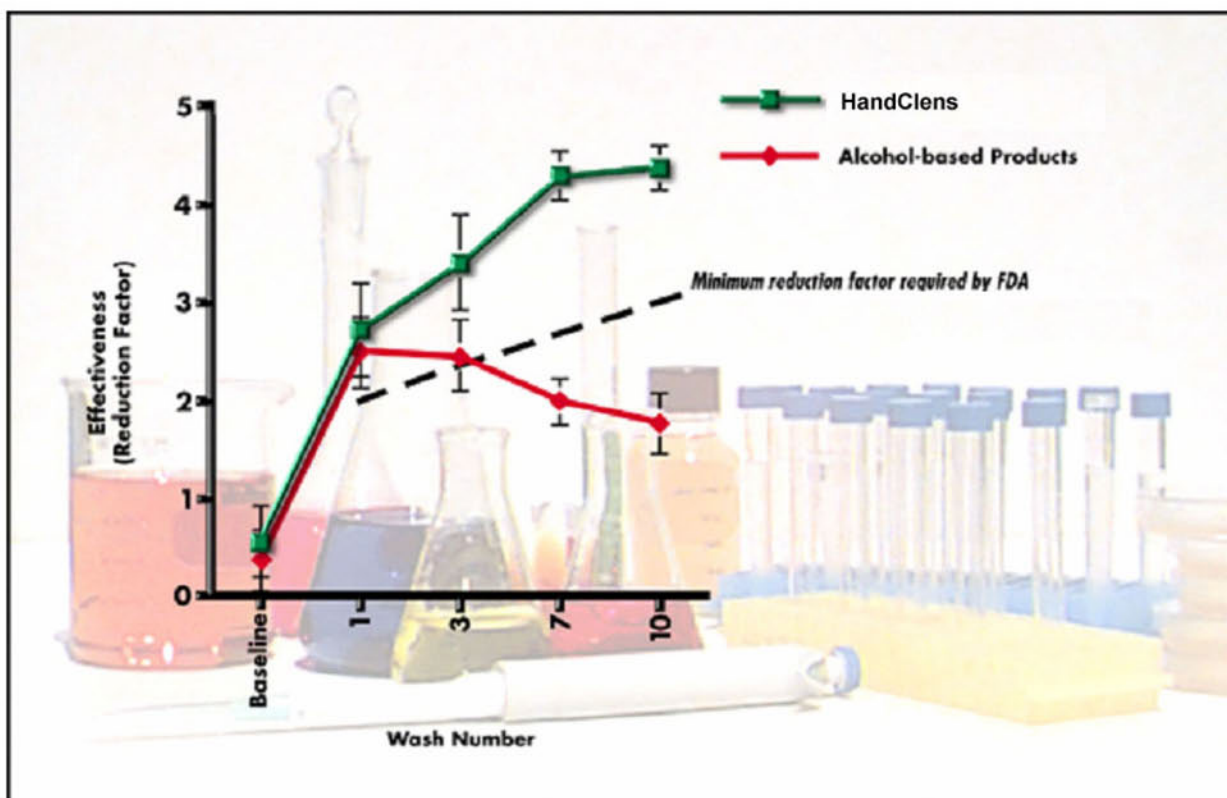


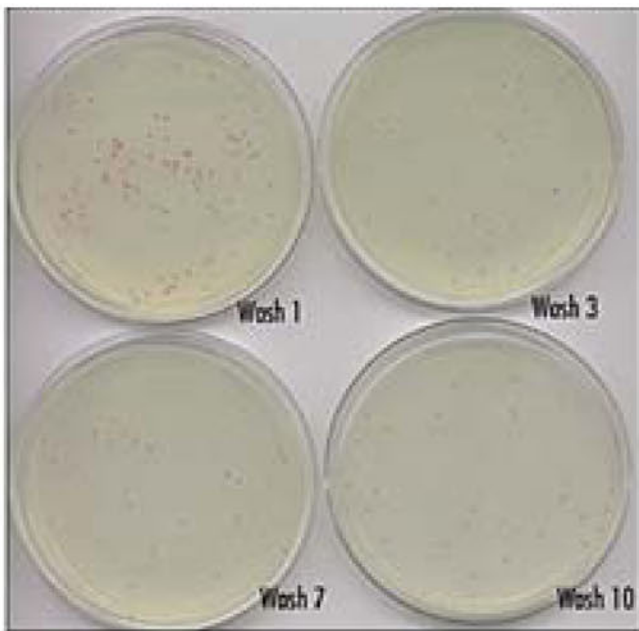
# HandClens® EXCEEDS Federal Standards in FDA Hand Washing Protocol 21CFR 333.470



Dyer, DL, Gerenraich, KB, Wadhams, PS, "Testing a New Alcohol-Free Hand Sanitizer to Combat Infection, " *AORN Journal* (August 1998, Vol 68, No 2) 239-251.

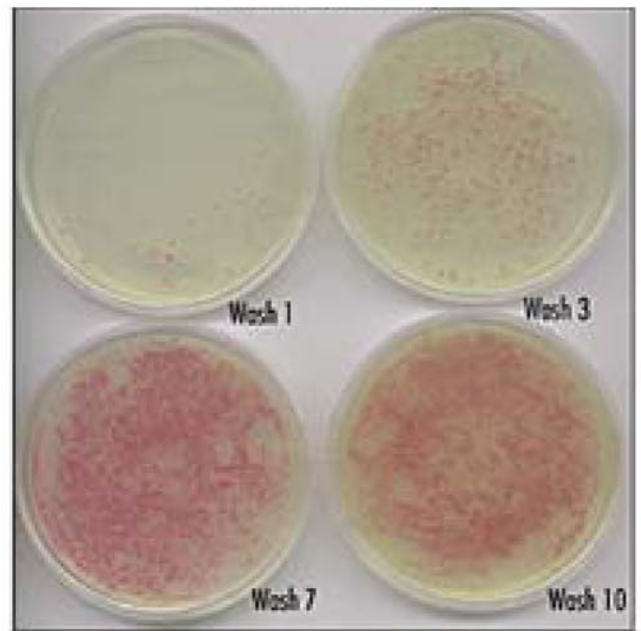
**With repeated use of alcohol sanitizers, skin integrity is degraded, actually allowing germs to increase on hands**

### HandClens Alcohol-Free



*Culture dishes showing germ-load reduction after 10 washes with HandClens® Alcohol-Free Instant Hand Sanitizer*

### Alcohol-Based Hand Gel



*Culture dishes showing germ-load reduction after 10 washes with alcohol-based hand gel*

**Products tested:** CoolBlue®, (62% ethanol) Creative Nail Design, Inc.®, Derma Stat®, (65% ethanol) Jones Medical Laboratories®, Swiss Guard®, (67% ethanol) OPI Products®, TLC Alcohol Foam Scrub®, (70% ethanol) Polychem Corporation® and HandClens® alcohol-free Hand Sanitizer, Woodward Laboratories, Inc.

FDA Testing protocol listed in Federal Register, Vol. 59(116), June 17, 1994, 21 CFR 333.470.  
"Effectiveness testing of an Antiseptic Handwash"