

## **FACT: Alcohol Products are No Longer the Only Choice for Preventing Disease – Here's Why You Should Use safeHands**



### **Major University Proves Alcohol Hand Sanitizers Seep into the Bloodstream Long Term Effects Unknown**

This study was conducted when women subjects who were recovering alcoholics and had not consumed alcoholic beverages, complained of positive tests for the alcohol. Since many nurses, pregnant and nursing moms use alcohol hand sanitizers routinely, the frequency use of alcohol hand sanitizer study was conducted. Blood and urine testing validated the presence of alcohol hand sanitizer tracers in the body and led to the FDA's reaction below and the FDA's warnings about potential health risks for pregnant and nursing moms.



### **FDA Concerned About the Frequent Use of Alcohol Sanitizers in the Body**

The FDA announced "Emerging science suggests that for at least some health care antiseptic active ingredients, systemic exposure (full body exposure as shown by detection of antiseptic ingredients in the blood or urine) is higher than previously thought, and existing data raise potential concerns about the effects of repeated daily human exposure to some antiseptic active ingredients. The FDA is particularly interested in gathering additional data on the long-term safety of daily, repeated exposure to these ingredients in the health care setting and on the use of these products by certain populations, including pregnant and breastfeeding health care workers, for which topical absorption of the active ingredients may be important."

## **FDA Warns About Alcohol. CDC States Frequent Sanitizing is Best Prevention**

### **Class Action Law Suit Against Purell for False Disease-Fighting Claims**

*in Newswire  
February 3, 2020*

Class Action Lawsuit Says 'No Credible Scientific Studies' Back Purell Hand Sanitizer's Disease-Fighting Claims

*by Corrado Rizzi*

*Last Updated on February 3, 2020*



### **The CDC Recommends Frequent Use Hand Sanitizing for Disease Prevention**

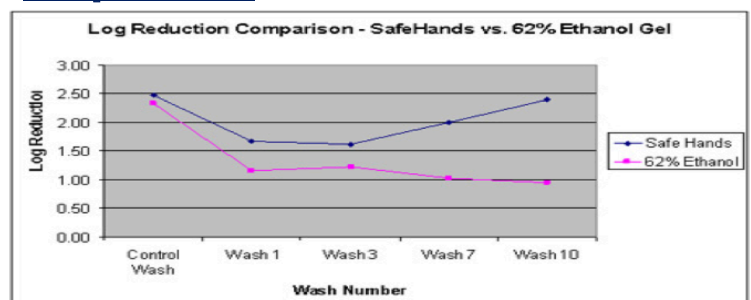
Recently, the FDA has prohibited hand sanitizer manufacturers from making viral reduction claims. The FDA is very strict about what claims hand sanitizers can make regarding what they kill. Our product contains not only Benzalkonium Chloride, but also Triethylene Glycol (TEG). TEG is used by the Federal Aviation Administration (FAA) to disinfect aircraft coming from areas of the world with pandemic/endemic diseases. TEG is very effective against viruses such as SARS which is similar to the new Coronavirus. However, TEG is not considered an active ingredient, and therefore we cannot necessarily claim to kill Coronavirus under the FDA hand sanitizer monograph which alcohol hand sanitizers would also be bound by.

## **safeHands is the Only BAC Patented BAC Hand Sanitizer**

### **Major University Studies Prove safeHands is More Effective than Alcohol with Frequent Use**

An independent study demonstrated that with frequent use **safeHands** germ kill was superior to that of alcohol

This graph demonstrates that frequent use of alcohol hand sanitizers can decrease germ killing rates over time, as bacteria may get trapped in the potentially dry skin leaving hands more susceptible to germs with each use. In contrast, the germ-killing benefits of **safeHands** safeHands FDA approved active ingredient Benzalkonium Chloride has been widely used in hundreds of counter products for over sixty years.



\*\*\* Third party validation with scientists at Cal State Fresno.  
\*\* Log reduction\* is a mathematical term used to show the relative number of live microbes eliminated from a surface by disinfecting or cleaning

Alcohol Free  
**safeHands®**  
sanitizer  
Your Frequent Use Disease Prevention Hands Sanitizer

### About the Coronavirus

The 2019 Novel Coronavirus, or 2019-nCoV, is a new respiratory virus first identified in Wuhan, Hubei Province, China. Public health officials and partners are working hard to identify the source of the 2019-nCoV. Coronaviruses are a large family of viruses, some causing illness in people and others that circulate among animals, including camels, cats and bats. Analysis of the genetic tree of this virus is ongoing to know the specific source of the virus. SARS, another coronavirus that emerged to infect people, came from civet cats, while MERS, another coronavirus that emerged to infect people, came from camels. Current symptoms reported for patients with 2019-nCoV have included mild to severe respiratory illness with fever, cough, and difficulty breathing

### Why Patented safeHands® is Your Best Preventive Solution?

safeHands is an alcohol-free hand sanitizer that performs very well on the skin and surface bound pathogens by having the capability to penetrate the intercellular, sub-cellular, and upper layer of the epidermal structure (providing all-encompassing antimicrobial protection). Although safeHands Active Ingredient *Benzalkonium chloride* is the noted ingredient in our formulation, it is the combined action of all components in safeHands and their specific concentration which all work synergistically to achieve a total barrier. The Federal Aviation Administration (FAA) in 2009 released a study identifying certain chemicals, which are included in safeHands, which inactivated viruses such as H1N1 and Influenza. safeHands alcohol free hand sanitizer protects and kills 99.99% of germs and can be used all day. Hand hygiene compliance and prevention relies on the ability of the user to apply the hand sanitizer to the skin as frequently as possible throughout the day. safeHands has proven that it's safe for frequent use and, in fact, the company has never had one complaint of skin irritation or any other issues.

### Summary of Health and Safety Benefits of safeHands

- safeHands®, is the only patented frequent use alcohol-free hand sanitizer with BAC FDA approved active
- Human subjects testing validated that safeHands® kills 99.99% germs longer than alcohol with frequent use
- safeHands® kill germs *while working with the skins natural oils* vs alcohol that strips away the protective oils
- Skin that loses the natural protective layer may crack from alcohol which causes users to avoid frequent use
- Both alcohol and germs can seep through the cracks with frequent use and enter the body
- Users uncomfortable with alcohol avoid use and therefore expose the user and facility to the spread of disease
- The FDA does not allow virus kill claims, but frequent hand sanitizing is THE best preventive measure
- Unlike alcohol, safeHands® is non-toxic, non-flammable and produces 2 x the doses per bottle than alcohol

safeHands® is the best option to sanitize hundreds of times a day to kill germs, protect the skins natural oil barrier and have peace of mind that you are doing your very best to protect you, your facility and family with frequent use.

### safeHands Alcohol Free Frequent Use Hand Sanitizers in Multiple Bottle Sizes, Wipes and Dispensers

