



WOW! QUICK KILL BAC

Non-Alcohol Skin Foam Sanitizer

F.A.Q.'s

- 1. How does BZK or BAC hand sanitizers work?** BZK is a QUAT ammonia compound made up of simple salts. It works by reacting to actual DNA of the bacteria on the skin disrupting the DNA or chain of structure of the bacteria and once the DNA is disrupted the cellular structure and the bacteria will disintegrate or die.
- 2. Is Benzalkonium Chloride (BZK or BAC) new?** No, in fact, it's been used as an E-3 hand sanitizer around food processing for many years. It's been used as an antimicrobial compound for more than 60 years for preservatives, surface cleaners, sterilizing agents, and leave-on, FDA Monograph anti-bacterial skin treatment products.
- 3. Is there a Time Kill Study available for WOW! Quick Kill BAC–** Yes, we have an independent lab we contracted to do the 15 second Time Kill Study on our product. One interesting fact is that the kill claim shows that WOW! Quick Kill BAC is more effective vs. alcohol-based for Clostridium Difficile, Pseudomonas aeruginosa, Shigella sonnei and Staphylococcus Aureus. The effectiveness is 99.9999% vs 99.999%.
- 4. Why does the CDC or WHO say to use only alcohol hand sanitizers?** Because they've only tested alcohol based in the healthcare setting.
 - a. EPA and FDA will NOT provide any claim against Viricidal activity with hand sanitizers.
 - b. Also – interesting fact - CDC is not a regulatory board – they make recommendations – FDA is a regulatory board and they regulate the BZK hand sanitizers by making sure your time kill studies are accurate
- 5. Is BZK effective against COVID-19?** The CDC has not tested any hand sanitizers against COVID-19 yet. They will not because the EPA and FDA will NOT provide any claim against Viricidal activity with hand sanitizers.
- 6. How long before WOW or others have BZK approval on CDC or FDA website for efficacy against the 60% alcohol-based hand sanitizer. If there is a shortage of ingredients and costs going up dramatically (Mark stated in the call that the raw materials for alcohol-based hand sanitizers will double or triple in the next 2 weeks), is there timeframe for that?** We have no idea when the CDC and WHO will also recommend BZK as an alternative to alcohol. We have submitted a challenge to the CDC and they have opened a file but that doesn't mean they will make any decision soon. I feel when the supply of ethyl alcohol gets REALLY tight we might see a change at the CDC.
- 7. How is BAC hand sanitizer different than an alcohol-based hand sanitizer?**
 - *BAC/BZK stays on the skin longer for the 15 second contact time than an alcohol-based hand sanitizer which evaporates quickly*
 - *Alcohol hand sanitizers are very flammable BAC is non-flammable*
 - *Due to flammability must be shipped as limited quantity BAC has no shipping restrictions*
 - *Alcohol is very drying to the skin which can cause cracks and the more you use it has a stinging effect WOW! Quick Kill BAC has emollients which leaves hands dry, non-tacky and soft*
 - *If you ingest even a small amount of an alcohol-based hand sanitizer it is very lethal especially in children BAC hand sanitizers while not to be ingested a small amount is not lethal*
- 8. Raw material availability to supply future orders?** Multiple current and future orders in place for BZK, bottles, caps and pumps. Pumps are currently in very short supply.



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9. **When using WOW! Quick Kill BAC is there a residual left on your hands?** Only while the product is still wet. Once dry, it leaves the users hands dry, non-tacky and soft from the emollients.
10. **Does this product require a rinse?** No, this is a leave on product, just like an alcohol-based hand sanitizer.
11. **Is this product harsh on your hands?** No, just the opposite. It will soften your hands as it dries. It also contains emollients.
12. **Is this product sticky?** No. Many years ago, the original non-alcohol hand sanitizers did leave your hands sticky. Current chemistry has eliminated that issue.
13. **What is the product item number and description to place an order?** #004860 4/1 Gal. WOW! QUICK KILL BAC Non-Alcohol Skin Foam Sanitizer
14. Every case of #004860 WOW! QUICK KILL BAC Non-Alcohol Skin Foam Sanitizer includes a gallon pump to dispense the product by itself or to refill smaller bottles.
15. **Foaming?** Yes, it contains an ingredient that enables this product to foam by itself.
16. **Shelf Life** – 2 years; same as alcohol-based hand sanitizers
17. **Fragrance?** No, our hand sanitizer is fragrance free.