

AQUACIL[®] FHS-10X

FOAMING HAND SANITIZER CONCENTRATE

Aquacil[®] Foaming Hand Sanitizer (FHS) -10X Concentrate is an alcohol free product formulated using state-of-the-art ingredients that contribute both to antimicrobial efficacy and to skin care. When reconstituted according to directions, Aquacil ready-to-use (RTU) is classified as an Over-the-Counter Human Drug under the FDA's monograph for Healthcare Antiseptic Drug Products.

Aquacil 10X contains 1.0% (w/w) benzalkonium chloride (BZK) and when diluted out in the RTU product as the active ingredient will provide rapid and broad spectrum antimicrobial activity. The BZK active is formulated in a base comprised of multifunctional and high end skin care ingredients that do not interfere with its efficacy and in fact act as preservative boosters.



Features and Benefits

- Aquacil FHS-10X contains 1% benzalkonium chloride USP
- Easy to manufacture RTU product- just add 9 parts deionized water to 1 part Aquacil FHS-10X, mix thoroughly and package
- RTU manufactured from Aquacil FHS-10X has rapid and broad spectrum activity
- Synergistic preservative system reduces risk of microbial contamination; Meets and exceeds USP<51> Antimicrobial Effectiveness Test requirements
- Does not contain triclosan, alcohol, dye, fragrance, parabens and formaldehyde
- Formulated with advanced multifunctional ingredients
- Non-flammable
- California Proposition 65 Compliant

IN VITRO 15 SECOND TIME KILL RESULTS with RTU made from Aquacil FHS-10X (ASTM Method E2315-03)

Test Organism	% Reduction
Acinetobacter baumannii ATCC 19606	>99.9
Burkholderia cepacia ATCC 25416	>99.9
Candida albicans ATCC 10231	>99.9
Enterobacter aerogenes ATCC 13048	>99.9
Enterococcus faecalis ATCC 51575	>99.9
Escherichia coli ATCC 8739	>99.9
Klebsiella pneumoniae ATCC 13883	>99.9
Listeria monocytogenes ATCC 15303	>99.9
Pseudomonas aeruginosa ATCC 9027	>99.9
Salmonella typhimurium ATCC 14028	>99.9
Serratia marcescens ATCC 14756	>99.9
Staphylococcus aureus ATCC 6538	>99.9
Staphylococcus aureus ATCC 33592 (Methicillin resistant)	>99.9
Staphylococcus epidermidis ATCC 12228	>99.9

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