



ALCOHOL vs WATER-BASED

A comparison between the two primary types of hand-sanitising products.

ALCOHOL (ethanol)	WATER BASED (benzalkonium chloride)
Effectively kills germs and bacteria.	Effectively removes germs and bacteria.
Strict regulations based on flammability and toxicity.	Low viscosity water-based solution using benzalkonium chloride – a quaternary ammonium.
Causes skin to dry and crack, this occurs because the alcohol strips away oils in your skin that retain moisture.	Much easier on hands and poses much less of a threat in case of accidental ingestion.
Loses effectiveness once the solution dries.	Unlike alcohol-based sanitisers, benzalkonium-based products continue to provide protection long after the solution has dried.

SOURCE: <https://blog.zogics.com/alcohol-based-vs-alcohol-free-hand-sanitizers/>



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