

Choices in active ingredients

Antiseptic	Fast Acting	Broad Spectrum Kill	Bonds to Skin	Cumulative Effect	Residual Anti-microbial Activity	Remains Active in the Presence of Blood or Sweat	Mild – Near Neutral pH, Unique Surfactants, Low Irritation Potential
4% CHG (Hibiclens)	Yes ¹	Yes ¹	Yes ¹	Yes ¹	Yes ¹	Yes ²	Yes ³
Alcohol based gels	Yes ¹	Yes ¹	No ¹	No ¹	No ¹	No(Dilutes) ²	No ³
Iodophor (iodine)	Yes ¹	Yes ¹	No ¹	No ¹	No ¹	No ^{1, 2}	No ¹ (Irritation ² , Allergies)
Quaternary (many hand soaps)	Yes ¹	No ¹	No ¹	No ¹	No ¹	No ²	No ⁵
Parachlorometaxylenol (PCMX) Medical Soaps	Yes ¹	No ¹	No ¹	No ¹	No ¹	No ²	Yes ¹
Triclosan (Most hand soaps)	No ¹	Yes/No ¹	No ¹	No ⁴	No ⁴	Yes ¹	Yes ¹

¹ MMWR, Guideline for Hand Hygiene in Health Care, October 24th, 2002:Vol. 50: NO. RR-16

² Protocols #041101-201 and #0470907-150

³ Study #R05-0225

⁴ Protocol #050306-150

⁵ "Quaternary Ammonium Cation." *Wikipedia, the free encyclopedia*. Last accessed on March 22, 2010. http://en.wikipedia.org/wiki/Quaternary_ammonium_cation

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