



# Disinfection Technology Comparison Chart

Key Properties	Disinfectant Technologies							
	AHP*	Chlorine	PAA	Quat	Quat/Alcohol	Quat/Solvent	Alcohol	Phenolic
Broad spectrum	●	●	●	●	●	●	●	●
Fast acting	●	●	●	●	●	●	●	●
Remains wet	●	●	●	●	●	●	●	●
Not affected by environmental factors	●	●	●	●	●	●	●	●
Non-toxic	●	●	●	●	●	●	●	●
Surface compatibility	●	●	●	●	●	●	●	●
Persistence	●	●	●	●	●	●	●	●
Easy to use	●	●	●	●	●	●	●	●
Acceptable odour	●	●	●	●	●	●	●	●
Economical	●	●	●	●	●	●	●	●
Solubility	●	●	●	●	●	●	●	●
Stability	●	●	●	●	●	●	●	●
Cleaner	●	●	●	●	●	●	●	●
Non-flammable	●	●	●	●	●	●	●	●

- Best
- Depends on application
- Does not meet standard

• All disinfectants have some gaps in performance versus the Rutala criteria.  
 • Which disinfectant is the best fit for a facility depends largely on the most valued properties.

\* AHP = Improved Hydrogen Peroxide disinfectants