


EPA Registered Hard Surface Disinfectants Comparison Chart

	SPORCIDIN	BENEFACT	VIREX 256	PURE GREEN 24	BLEACH	HYDROGEN PEROXIDE	
Chemical	Phenol	Botanicals	Quat	Silver Dihydrogen Citrate	Hypochlorite	Hydrogen Peroxide	Stabilized Chlorine Dioxide
PPE Required?	Protection Required	Not Required	Protection Required	Proceed with Caution	Protection Required	Not Required	Not Required
EPA Toxicity Rating	4	4	3	4	1	4	4
Fragrance	Odor	Odor	Odor	Fragrance-free	Odor	Odor	Fragrance-free
Shelf Life	4 Years	2 Years	3 Years	No Expiration Required	1 Year	2 Years	2 Years
Residue	No	No	Yes	No	Yes	No	No
Rinse Required	No	No	No	No	Yes	Yes	No
NSF Certified	No	No	No	No	No	No	Yes
Corrosive?	No	No	Yes	No	Yes	Yes	No
Flammable?	No	No	Combustible Liquid	No	Yes	No	No
PH Level	7.5 - 8.5	4.0 - 5.0	10.2	2	12.6	1 - 5	8.5
Residual Kill?	Yes	Yes	Yes	Yes	No	Yes	Yes
How does this compare with Aseptic Plus+?	Relatively safe, though not as environmentally friendly as Aseptic Plus+ and has a stronger odor	For use on hard surfaces, not on porous surfaces such as carpet	Recent studies show quats are leading to biological resistance in germs	For use on hard, non-porous surfaces in children's environment	Reacts with surfaces and agents on surfaces —quickly deactivated in bioburden. Strong irritant	Not good at addressing heavy bioloads resulting in strong odor	Chemical molecule smaller than germ, unique gas inside molecule reaches all surfaces. Selective molecule reacts only with what it needs to.

