



Competitive Analysis Chart

Product Type

	Chlorine	Phenols	Quats	Hydrogen Peroxide	Ozone	San-Assure
Efficacy	Broad Spectrum	Hospital	Hospital	Hospital		Hospital
Ventilation	Yes	Yes	Yes	Yes	No	No
Corrosive	Yes	Yes	Yes	Yes	No	No
Leaching Mutation	Yes	Yes	Yes	Yes	No	No
Odor Eliminator	Yes	Limited	Yes	No	Yes	Yes
Skin Irritant	Yes	Yes	Yes	Yes	Yes	No
P.H.	5	10	10	10	N/A	7.0-7.5
Allergens	No	No	No	No	No	Yes
Disinfection Mechanism	Oxidizes & kills microorganisms by damaging cell walls & proteins	Disrupts cellular membranes, denaturing proteins & enzymes	Disrupts cell membranes, denatures proteins	Oxidizes & kills a wide range of microorganisms	Oxidizes & kills microorganisms by damaging cell membranes & proteins	Oxidizes & kills microorganisms by damaging cell membranes & proteins
Environmental Impact	Can form harmful disinfection byproducts (DBPs) in water	Can be toxic to aquatic life & may persist in environment	Generally considered safe, but can have some environmental concerns	Decomposes into water & oxygen	Decomposes into oxygen & non-harmful byproducts	Considered safe for humans & environment
Residue	May leave residual chlorine or chloramine in treated water	May leave sticky or oily residues on surfaces	May leave residue on surfaces	Breaks down into water & oxygen	Leaves no residue	Leaves no residue
Applications	Water treatment, sanitation, & disinfection of surfaces	Used in healthcare, laboratories, & household disinfectants	Surface disinfection, food industry, & household cleaning	Medical disinfection, wound care, hair bleaching	Water treatment, sanitation, & industrial applications	Broad range of applications including healthcare, hospitality, education