

Chemical compound	Bacteries	Fungi	Viruses	Spores	Application	Comments
Aldehydes (Formaldehyde & Glutaraldehyde)	++	++	++	++	Room air, instruments, surface	Formaldehyde is considered as a carcinogen, sensitizer
<b>Alcohols</b>						
Ethanol	++	++	++	-	Surface, instruments, skin	Non toxic- safe to skin and mucous membrane
n-propanol	+++	++	+	-	Surface, instruments, skin	Non toxic- safe to skin and mucous membrane
iso-propanol	++	++	+	-	Surface, instruments, skin	Non toxic- safe to skin and mucous membrane
Chlor	++	++	++	Slow action	Water, Instruments	Extremely toxic
Sodium hypochlorite	++	++	++	++	Surface, water, instruments	sensitizer
Iod	++	++	++	Slow action	Skin, mucous membrane	Almost harmless
Ozon	++	++	++	Slow action	Water, room air, vehicles	Specially for coolant, economic
Hydrogen peroxide	++	++	++	Slow action	Water, skin, mucous membrane, instruments, surface	
Peroxyacetic acid	++	++	++	++	Surfaces, instruments	
Ethylene oxide	++	++	++	-	Surfaces, food, medicinal equipment, instruments, thermal sensitive pharmaceutical preparations	Extremely carcinogenic, explosive
Quarternary ammonium compounds	Not always gainst gramm negative	fungistatic	++	-	Skin, mucous membrane, surfaces	Very mild
Phenol and phenol derivatives	++	++	Variable	-	Instruments, surfaces, skin	carcinogenic