

Comparative chart

GROUP	EXAMPLE	BIOCIDAL ACTIVITY					USAGE						EFFECTS OF ORGANICS	COSTS		COMMENTS
		Bacteria	Spores	Fungi	Viruses	Mycobacteria	Ease of Use	Toxic	Irritant	Odour	Stability	Corrosive				
Alcohols	Ethyl Alcohol	**	X	*X	*X	*	*	Dose related	Slight	Slight	*	No	Slight	4		Evaporates
Halogens	Pov. Iodine Sodium Hypochlorite	**	*	*	*	*	*	Low	No Dose related	Slight	*	Stains Yes	Slight	3		Concentrations vary.
		**	*	*	*	*	*	Medium		Slight	poor		Poor	1		Conc solutions bleach. Incompatible with cationics
NaDCC	Presept	**	*	*	**	*	**	Low	Dose related	Slight	**	Slight	Slight	2		Conc solutions bleach. Incompatible with cationics
Aldehydes	Gluteraldehyde Formaldehyde	**	Slow	*	*	Slow	Poor	Yes	Yes	Poor	*	No	Poor	4		Effects on plastics. Some need activators.
		**	Slow	*X	*X	X	Poor	Very	Very	Bad	*X	No	Poor	1		Incompatible with protein
QAC's	Cetrimide Bezzalkonium chloride	*	X	*X	Poor	X	*	No	No	Good	*	No	Bad	3		Incompatible with soap, anionics, hard water
		*	X	*X	Poor	X	*	No	No	Good	*	No	Bad	2		
Phenolics	Black Fluids White Fluids	**	Poor	*	Some	*	Poor	Yes	Yes	Bad	*	No	Slight	1		Precipitate. Incompatible with plastic
		**	Poor	*	Some	*	Poor	Yes	Yes	Bad	*	No	Slight	1		Incompatible with cationics, rubber
	Clear Soluble Phenolics Chloroxylenols	**	Poor	*	Some	*	Poor	Yes	Yes	Slight	*	No	Good	1		Incompatible with nonionics, cellulose
		*	X	*	*	X	*	Medium	Slight	Slight	*	No	Poor	2		