

Active Ingredient	Trade/common name example	Concentration for FMDV (%)	Contact time (minutes)	Important to note
Sodium hydroxide	Caustic soda	2	10	Add powder to water and not water to powder. Corrosive.
Sodium carbonate	Soda ash	4	10	Mildly corrosive.
Citric acid		3	Porous surfaces: 30 min. Non-porous surfaces: 15 min	Clean well before applying. Corrosive.
Acetic acid	Household vinegar (4-8% acetic acid)	2	10	Clean well before applying.
Sodium hypochlorite (NaClO)	Household bleach (approx. 3% sodium hypochlorite in South Africa)	0.3	Porous surfaces: 30 min. Non-porous surfaces: 15 min.	Use immediately after mixing the solution. Add NaClO to water. Corrosive
Quaternary ammonium with biguanide compounds	F10CL General farm disinfectant	2	Leave to dry (at least 15 min).	May cause rusting (rinse after 15 minutes)
Sodium chloride/ Potassium peroxymonosulphate	Virkon S	1	10	