

Table 9.3: Disinfectants active against AI viruses. From Capua and Mutinelli (2001a) and AUSVETPLAN (2000)

Chemical product	Concentration	Recommended contact time	Recommended use	Limitations	Other information
Sodium hypochlorite	2%	10 - 30 minutes	Equipment	Presence of organic material, corrosive for many metals	Reduced stability at temperatures above 15°C
Quaternary ammonium salts	4%		Walls floors ceiling equipment		
Postassium peroxomonosulphate+ sulphamic acid+ sodiumalkylbenzenesulphonate	2%		Walls floors ceiling equipment	corrosive	
Calcium hydroxide	3% w/v		Walls , floors		
Cresolic acid	2.2% w/v		Floors		
Synthetic phenols	2% w/v		Floors		Causes burns; absorbed through skin
Formaline +permanganate		Fumigation			Toxic gas
Calcium hypochlorite	2-3% w/v	10-30 minutes		Presence of organic material	Reduced stability at temperatures above 15°C
Sodium hydroxide	2% w/v	10 minutes		Do not use in presence of Aluminium and derived alloys	
Sodium Carbonate (washing soda)	10% w/v	30 minutes	In the presence of high concentration of organic material		Add 0,1% sodium silicate to protect aluminium equipment
Hydrochloric acid	2% w/v	10 minutes		highly corrosive	Do not use for disinfecting metals and concrete
Citric Acid	0.2% w/v	30 minutes	Clothing and body		check pH
Glutaraldehyde	2% w/v	10-30 minutes	Excellent disinfectant	Allergy, use protective clothing	Decomposes above pH 9

w/v =weight per volume

Note: Several of these compounds are licensed in EU member states and are commercially available as ready-to-use products.