

Table 3a. Summary of Practical Disinfectants (ref 20)

Practical Requirements					Inactivates					
Type	Disinfectants Category	Use Dilution	Contact Time (min.)		Temperature (°C)	Rel. Humidity (%)	Vegetative Bacteria	Lipoviruses	Nonlipid Viruses	Bacterial Spores
			Lipovirus	Broad Spectrum						
Liquid	Quat Ammon.	0.1-2.0%	10	NE ^A			+	+		
	Phenolic	1.0-5.0%	10	NE			+	+	B	
	Chlorine	500 ppm c	10	30			+	+	+	+
	Iodophor	25-1600 ppm c	10	30			+	+	+	+
	Ethanol	70 – 85%	10	NE			+	+	B	
	Isopropanol	70 – 85%	10	NE			+	+	B	
	Formaldehyde	0.2-8.0%	10	30			+	+	+	+
	Glutaraldehyde	2%	10	30			+	+	+	+
Gas	Ethylene Oxide	8-23 g/ft ³	60	60	37	30	+	+	+	+
	Paraformaldehyde	0.3 g/ft ³	60	60	>23	>60	+	+	+	+

^A NE-Not Effective
^B Variable results dependent on virus
^C Available Halogen