

## Heat sterilisation vs chemical decontamination pointers

	Heat	Chemical
Solids present	Yes	No
No solids present	Yes	Yes (*)
BSL-1 and BSL-2	Yes	Yes
Multiple agents (>1)	Yes	Single agent only (**)
Validation possible	Yes	No except *&**
Simple process control	Yes	No
BSL-3	Yes	No except *&**
Batch	Yes	Yes
Continuous	Yes	No

**Heat process** is easy to monitor and control (temp, time) and load can be kept homogenous.

**Chemical process** depends on concentration, mixing, contact time, temperature, which are more difficult to control. Process is difficult to validate, except for single agent no solids present.