



## Broad Spectrum Hand Disinfectants

Approved Arrangements (AA) sites approved for

Microbiological, Animal, Plant and Invertebrate biosecurity containment levels 1-4 (classes 5 and 6)

Types of broad spectrum chemical disinfectants	Approved active ingredients and examples of disinfectants	Facility type	Parameters for use
<b>Halogen</b>	Povidone Iodine	Microbiological, Animal, Plant and Invertebrates	<ul style="list-style-type: none"> <li>Povidone iodine - 0.75 - 1% av 1* (*available iodine)</li> <li>Contact time - 2 minutes</li> </ul>
<b>Alcohols</b>	Ethanol		<ul style="list-style-type: none"> <li>Ethanol - 80% v/v or 70% w/w with emollients</li> <li>Contact time - 2 minutes</li> </ul>
	Isopropyl		<ul style="list-style-type: none"> <li>Isopropyl - 60 - 70% v/v</li> <li>Contact time - 2 minutes</li> </ul>
<b>Quaternary ammonium compounds</b>	0.09% quaternary ammonium and biguanide compounds, in a 20% alcohol base with non toxic ampholytic surfactants and sequesterants  e.g. F10 Hand Gel		<ul style="list-style-type: none"> <li>F10 Hand Gel - 1 ml</li> <li>Contact time- 1 minute</li> </ul>
<b>Chlorhexidine</b>	Chlorhexidine		<ul style="list-style-type: none"> <li>Chlorhexidine - 0.5 - 4% w/v in alcoholic formulation</li> <li>Contact time - 2 minutes</li> </ul>

**Notes:**

- Biosecurity Industry Participants of AA sites approved for animal biosecurity containment (BC) levels 1-4 (classes 5 and 7) are not required to seek support from the department for use of broad spectrum hand disinfectants. Animal BC1-4 AA site BIPs can now choose from the disinfectant list above or any other hand disinfectant of their choice.
- Disinfectants for use when decontaminating equipment, spillage areas or situations as directed by the Department of Agriculture and Water Resources. BIPs should also contact their respective State/Territory governments to check what chemicals are approved in their States/Territory.
- The parameters are minimum concentration rates and contact times. Chemicals must be applied in accordance with the label directions.
- Disinfectants that have the same active ingredients, and equal parameters will not require approval from the department.
- Requests for disinfectant approval can be forwarded to [aa.canberra@agriculture.gov.au](mailto:aa.canberra@agriculture.gov.au).