# Broad Spectrum Hand Disinfectants

Approved Arrangements (AA) sites approved for Microbiological, Animal, Plant and Invertebrate biosecurity containment levels 1-4 (classes 5 and 6)

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<th>Types of broad spectrum chemical disinfectants</th>
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| Halogen                                       | Povidone Iodine                                           |               | • Povidone iodine - 0.75 - 1% av 1*  
  (*available iodine)  
  • Contact time - 2 minutes                   |
| Alcohols                                      | Ethanol                                                   | Microbiological, Animal, Plant and Invertebrates | • Ethanol - 80% v/v or 70% w/w with emollients  
  • Contact time - 2 minutes                  |
|                                               | Isopropyl                                                 |               | • Isopropyl - 60 - 70% v/v  
  • Contact time - 2 minutes                  |
| Quaternary ammonium compounds                 | 0.09% quaternary ammonium and biguanide compounds, in a 20% alcohol base with non toxic ampholytic surfactants and sequesterants  
  e.g. F10 Hand Gel                            |               | • F10 Hand Gel - 1 ml  
  • Contact time- 1 minute                     |
| Chlorhexidine                                 | Chlorhexidine                                             |               | • Chlorhexidine - 0.5 - 4% w/v in alcoholic formulation  
  • Contact time - 2 minutes                  |

## 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).