# Bleach Dilution Chart

<table>
<thead>
<tr>
<th>Items for Disinfection</th>
<th>Ratios and examples of mixing bleach solution</th>
<th>Level required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bleach is not recommended for high level disinfection. See Section 15: Reprocessing and Sterilizing of Medical Equipment.</strong></td>
<td></td>
<td><strong>High-level Disinfection</strong></td>
</tr>
</tbody>
</table>
| **Semi critical items:** Items that may penetrate skin and come into contact with blood and body fluids. Manicure/pedicure items, foot tubs Contact time: more than 10 minutes | **1:500**  
10 ml bleach with 490 ml water  
or  
2 tsp. bleach with 2 cups water | **Intermediate-Level Disinfection** |
| **Semi critical items:** Use for semi critical items that may come in contact with mucous membranes: Toys Contact time > 2 minutes | **1:100**  
80 ml with 8 litres of water  
or  
1/3 of a cup with 2 gallons of water | **Intermediate-Level Disinfection** |
| **Non critical items:** Items cleaned in the washing machine: Laundry, mop heads, cleaning clothes Contact time: Full wash cycle | **1:500**  
Approximately 250 ml  
or  
1 cup per machine load Based on 25 gallon / 100 litre machine | **Low-Level Disinfection** |
| **Non critical items:** Items that come in contact with skin: Combs, brushes Contact time: > 2 minutes | **1:500**  
5 ml bleach with 2½ litres water  
or  
1 tsp bleach with 10 cups water | |

Updated: March 2015