# General Disinfecting Protocols

<table>
<thead>
<tr>
<th>Areas / Surfaces</th>
<th>Virkon Concentration</th>
<th>Tools / Utensils</th>
<th>Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sinks and Wash Basins</td>
<td>1% Virkon solution</td>
<td>Spray bottle and clean rag or sponge</td>
<td>1. Spray the surface of the sink and adjacent counter. 2. Use clean rag or sponge to wipe surface clean. 3. Rinse with water after 10 minutes.</td>
</tr>
<tr>
<td>Hand Railings</td>
<td>1% Virkon solution</td>
<td>Spray bottle and clean rag or sponge</td>
<td>1. Spray solution onto rag or sponge until is wet. 2. Thoroughly wipe hand railings to clean. 3. Allow to air dry.</td>
</tr>
<tr>
<td>Door Handles</td>
<td>1% Virkon solution</td>
<td>Spray bottle and clean rag or sponge</td>
<td>1. Spray solution onto rag or sponge until is wet. 2. Thoroughly wipe down door handles to clean. 3. Allow to air dry.</td>
</tr>
<tr>
<td>Diaper Changing tables</td>
<td>1% Virkon solution</td>
<td>Spray bottle and clean rag or sponge</td>
<td>1. Spray solution onto rag or sponge until is wet. 2. Thoroughly wipe down table(s) to clean. 3. Allow to air dry.</td>
</tr>
<tr>
<td>Hard Floors</td>
<td>1% Virkon solution</td>
<td>Mop and bucket</td>
<td>1. Fill bucket with solution. 2. Use clean mop to wipe floors clean. 3. Change the solution when dirty. 4. Allow to air dry.</td>
</tr>
<tr>
<td>Body Fluid Spillage: Blood, Vomit, Urine, Stool</td>
<td>Virkon Powder 2% Virkon solution</td>
<td>Brush and dust pan</td>
<td>1. Sprinkle Virkon® powder directly onto vomit with shaker bottle (500g). 2. Allow 10 minutes absorption before scoop up with dust pan. 3. Spray 2% solution on soiled area. 4. Use rags to work solution into carpet or floor. 5. Rinse carpet using clean water: a. Pour water on carpet. b. Blot area with clean rag. c. Repeat until all dirt is removed.</td>
</tr>
<tr>
<td>Rest Room Stall and Urinal Floors</td>
<td>Virkon Powder 1% Virkon solution</td>
<td>Mop and bucket, Spray bottle and clean rag or sponge</td>
<td>Sprinkle powder around the base of the toilet and/or urinal. Leave on for 10 minutes, mop with rest of floor</td>
</tr>
<tr>
<td>Walls and Doors</td>
<td>1% Virkon solution</td>
<td>Spray bottle and clean rag or sponge</td>
<td>1. Spray 1% solution on walls of bathroom including doors and door handles. 2. Use clean rags or sponge to wipe the walls and doors to clean. 3. Make sure to wipe down the door handles. 4. Air dry, do not rinse.</td>
</tr>
<tr>
<td>Misc Dispensers and fixtures</td>
<td>1% Virkon solution</td>
<td>Spray bottle and clean rag or sponge</td>
<td>1. Spray solution onto rag or sponge until is wet. 2. Thoroughly wipe down door</td>
</tr>
<tr>
<td>Area</td>
<td>Solution Strength</td>
<td>Cleaner Method</td>
<td>Steps</td>
</tr>
<tr>
<td>----------------------</td>
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<td>----------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Garbage receptacles  | 2% Virkon solution| Spray bottle and clean rag or sponge | 1. Empty receptacle.  
2. Spray Solution around inside and outside of receptacle, Leave on for 10 minutes.  
3. Allow to air dry. |
| Showers              | 1% Solution       | Spray bottle and clean rag or sponge | 1. Spray surfaces of shower stall with solution.  
2. Use brush to scrub surfaces.  
3. Spray Shower curtain, Make sure to cover the seams.  
4. Rinse rinse all areas with water after 10 minutes. |
| Food Contact Surfaces: | 1% Solution | Spray bottle and clean rag or sponge | 1. Remove gross dirt and prepare 1.0% solution-  
2. Apply to surface using a sponge, brush, or spray device until the surface is visibly clean.  
3. Let stand for 10 minutes.  
4. Rinse with potable water. |
| Nonfood Contact Surfaces: | 1% solution | Mop and bucket, Spray bottle and clean rag or sponge | 1. Remove gross dirt and use 1.0% Virkon solution  
2. Apply to surface using a mop, sponge, brushes or spray device until the surface is visibly clean.  
3. Air dry. |
| Bathrooms            | Powder 1% solution | Mop and bucket, Spray bottle and clean rag or sponge | 1. Sprinkle powder around the base of the toilet bowl. Leave on for 10 minutes, flush.  
2. Spray 1% solution on walls of bathroom including doors and door handles.  
3. Use clean rags or sponge to wipe the walls and doors to clean.  
4. Make sure to wipe down the door handles.  
5. Mop floor with solution.  
6. Air dry, do not rinse. |
| Hand Railings        | 1% solution       | Spray bottle and clean rag or sponge | 1. Spray solution onto rag or sponge until is wet.  
2. Thoroughly wipe hand railings to clean.  
3. Allow to air dry. |
| Door Handles         | 1% solution       | Spray bottle and clean rag or sponge | 1. Spray solution onto rag or sponge until is wet.  
2. Thoroughly wipe down door handles to clean.  
3. Allow to air dry. |
| Furniture            | 1% solution       | Spray bottle and clean rag or sponge | 1. Spray solution on rag or sponge until damp.  
2. Wipe surfaces with damp rag or sponge.  
3. Allow to air dry. |
| Chairs/Upholstery    | 1% solution       | Spray bottle and clean rag or sponge | 1. Spray solution on rags or sponge.  
2. Wipe armrests, rails, seats and backs if wooden or hard surfaced.  
3. Spray fine mist on armrest, seat |
<table>
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<tr>
<th>Surface</th>
<th>Solution Rate</th>
<th>Cleaning Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpet</td>
<td>1% solution</td>
<td><strong>Rake</strong> for large areas  <strong>Brush</strong> for small areas  <strong>Wet Carpet cleaning machine with Wand.</strong></td>
</tr>
<tr>
<td>Curtains</td>
<td>1% solution</td>
<td>Spray bottle</td>
</tr>
<tr>
<td>Hard Floors</td>
<td>1% solution</td>
<td>Mop and Bucket</td>
</tr>
<tr>
<td>Wood and porous surfaces</td>
<td>1% solution</td>
<td>Spray bottle, mop, rags or sponge, fogger, hand held fogger</td>
</tr>
<tr>
<td>Tables</td>
<td>1% solution</td>
<td>Spray bottle and clean rag or sponge</td>
</tr>
<tr>
<td>Counters</td>
<td>1% solution</td>
<td>Spray bottle and clean rag or sponge</td>
</tr>
<tr>
<td>Infected Linen and Uniforms</td>
<td>2% solution</td>
<td>Large Plastic Tub</td>
</tr>
<tr>
<td>Medium and large sized room disinfection</td>
<td>1% solution</td>
<td>Curtis Fogger</td>
</tr>
</tbody>
</table>

1. Large areas:
   1a. Spray carpet with fine mist of solution with pressure sprayer.
   1b. Rake surface of carpet to spread evenly.
   1c. Allow 10 minutes contact.
   1d. Rinse with clean water in carpet cleaning machine using wand.

2. Small areas:
   2a. Spray area of carpet with fine mist with spray bottle.
   2b. Brush surface of carpet area.
   2c. Allow to air dry.

1. Spray fine mist of solution on curtains.
2. Allow to air dry.

1. Fill bucket with solution.
2. Use clean mop to wipe floors clean.
3. Change the solution when dirty.
4. Allow to air dry.

1. Spray, Mop, Fog, or Sponge 1% Virkon Solution onto porous surface.
2. Allow to air dry 20 minutes.

1. Spray counter with fine mist of solution.
2. Wipe with clean rags or sponge to clean surfaces.
3. Allow to air dry.

1. Prepare 2% solution in tub.
2. Soak infected linen and clothing for 10 minutes.
3. Remove from tub and place in washer.
4. Launder as usual.

1. Fill the reservoir of fogger (that is appropriate for the size room you are treating) with 1% solution of Virkon®.
2. Set the fogger to the "fine mist" setting and proceed to spray directly into the air for ten minutes. You may stop fogging from time to time and check to make sure that Virkon® is being transported throughout the entire room. This will be obvious since Virkon® has a faint lemon/citrus odor.
3. At the conclusion of spraying, turn the air handler off for ten minutes. This will ensure an efficient "kill" and leave the ductwork commercially sterilized.
1. Remove lower cover from the central air conditioning air handler unit, which will expose the coil for cleaning purposes.

2. Remove the existing filter and discard.

3. Fill the reservoir of a fogger that is appropriate for the size system you are treating with 1% solution of Virkon®.

4. "Wet Spray" the coil for two or three minutes until completely saturated with Virkon®.

5. Start up the air handler on fan only setting set the fogger to the “fine mist” setting and proceed to spray directly into the air handler for ten minutes. You may stop fogging from time to time and check to make sure that Virkon® is being transported throughout the entire ductwork system. This will be obvious since Virkon® has a faint lemon/citrus odor. At the conclusion of spraying, turn the air handler off for ten minutes. This will ensure an efficient “kill” and leave the ductwork commercially sterilized (99.9999% kill rate).

6. Install new air filter.

7. The central air conditioning coil, after ten minutes of exposure to Virkon® is now free from any of the 580+ pathogens that often cohabit with mould on the surface of the coil. You should be able to use a fresh water rinse to clean any debris left on the coils that will flush down the drain tube and your job is complete.

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