Calf Biosecurity Solutions

STOP THE SPREAD

NEOGEN
# Neogen Calf Care Equipment Cleaning Protocol

<table>
<thead>
<tr>
<th>Bottles, Nipples and Feeding Buckets</th>
<th>Plastic Buckets</th>
<th>Plastic Calf Hutch</th>
<th>Drinking Water Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
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</tr>
<tr>
<td>Quik Clean + Pine &amp; Synergize®</td>
<td>Quik Clean + Pine and Synergize</td>
<td>Synergize</td>
<td>AquaPrime® NeoKlor + AquaPrime Activator</td>
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<tr>
<td>Neutral Detergent &amp; Quat/Quat Disinfectant</td>
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<td>Quat/Quat</td>
<td>Sodium Chlorite + Acid Activator → Chlorine dioxide</td>
</tr>
<tr>
<td>Wash down with Quik Clean+ Pine; Rinse. Follow up with 10 minute soak in Synergize solution; rinse</td>
<td>Wash down with Quik Clean+ Pine; Rinse. Follow up with 1/2 ounce per gallon Synergize solution; rinse</td>
<td>Dilute 1:256, spray on for a 10 minute contact time and rinse</td>
<td>Using an injection pump system; you will use 1 part of Activator to every 2 parts of NeoKlor. Determine optimum desired Chlorine Dioxide level and set dosage to that level.</td>
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<tr>
<td>Coliforms, C. perfringens, Rotavirus, Coronavirus, Cryptosporidium</td>
<td>Gram + Bacteria, Coliforms</td>
<td>Foot and Mouth, S. Aureas, Coronavirus, Rotavirus, Fungal spp</td>
<td>Biofilm forming G-, G+</td>
</tr>
</tbody>
</table>

**Use Directions**

1. Wash down with Quik Clean+ Pine; Rinse. Follow up with 10 minute soak in Synergize solution; rinse
2. Wash down with Quik Clean+ Pine; Rinse. Follow up with 1/2 ounce per gallon Synergize solution; rinse
3. Dilute 1:256, spray on for a 10 minute contact time and rinse

**Microbial Efficacy**

- **Bottles, Nipples and Feeding Buckets**
  - Coliforms, C. perfringens, Rotavirus, Coronavirus, Cryptosporidium

- **Plastic Buckets**
  - Gram + Bacteria, Coliforms

- **Plastic Calf Hutch**
  - Foot and Mouth, S. Aureas, Coronavirus, Rotavirus, Fungal spp

- **Drinking Water Treatment**
  - Biofilm forming G-, G+