Disposal Procedures for Used or Expired Glutaraldehyde or ortho-Phthalaldehyde (OPA)

1. Add Glute-Out neutralizer, as per instructions on the bottle, to the GUS cylinder, tray or other container. *Glute-Out is a glycine-based powder neutralizer that deactivates glutaraldehyde and OPA.*
   - Check expiration date of Glute-Out. Don’t use if expired.
   - The amount of Glute-Out used depends on the quantity of OPA or glutaraldehyde to be disposed:

<table>
<thead>
<tr>
<th>Approximate quantity of OPA or glutaraldehyde to drain dispose</th>
<th>Quantity of Glute Out needed to neutralize (NG-1GAL or NG-5GAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Quart</td>
<td>Use 1/2 ounce</td>
</tr>
<tr>
<td>1 Gallon</td>
<td>Use 2 ounces (1 bottle of NG-1GAL)</td>
</tr>
<tr>
<td>5 Gallons</td>
<td>Use 10 ounces (1 bottle of NG-5GAL)</td>
</tr>
<tr>
<td>7.5 gallons</td>
<td>Use 15 ounces</td>
</tr>
</tbody>
</table>

2. **For OPA:** Wait 15 minutes for neutralization to occur, when the color changes from yellow orange to green brown.

   **For glutaraldehyde:** Wait for 5 minutes for neutralization to occur, when the color changes from yellow orange to red orange.

3. Run cold water during and after disposal down the drain.

4. Wash cylinder, tray or other container with detergent and water. Then, rinse with sterile water and dry with absorbent sterile towel before refilling.

Glute-Out Reorder Information:

Glute-Out is available through Lawson:
- case of 24 large bottles, NG-5GAL (Lawson #41898)
- case of 24 small bottles, NG-1GAL (Lawson #41859)
- Spill kit (Lawson #41899)

Manufacturer:
PCI Medical Inc., 877-476-4229
www.pcimedical.com

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