

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:

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

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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