

0.5% Bleach Solution Preparation Method – Solution only good for 24 hours

Items Required

Medical Measuring Cup or
Equivalent measuring Device

Funnel

32 oz or 24 oz spray bottle



- 1) Preparation location for mixing should be well-ventilated. Staff should wear eye protection, gloves, and protective gowns when mixing.
- 2) Determine the size of spray bottle you have (32 oz or 24 oz) and the concentration of the bleach solution on the bottle to identify the appropriate amount of bleach to pour into the spray bottle.
- 3) Pour in the appropriate amount of bleach into the spray bottle, then fill the remainder of the bottle completely with water.

If Measuring in Milliliters

	32 oz (946 mL)	24 oz (709 mL)
Original Concentration	<i>mL of Bleach</i>	<i>mL of Bleach</i>
5.25%	95	70
8.25%	60	45
10%	50	35
12.50%	40	30

- 4) Write the expiration date and time equal to 24 hours after preparation on the label. If no label exists, print one out and tape with packing tape, or write the information listed below on masking tape and attach to the bottle.

Bleach solution - 24 hour use
0.5% hypochlorite

Expiration date	Time

Reusable, return for filling

Use of Bleach Spray Wipe Protocol

1. Staff member checks the expiration date of spray bottle to see if it is still good to use.
2. If expiration is past, the bottle is empty, or there are no wipes, the staff member brings the spray bottle to a dirty utility room and gets a new one from stock room with additional disposable wipes or reusable microfiber cloth. If none in store room, prepare a new bottle.
3. Staff member removes any visible debris on the item or surface they are cleaning using a disposable wipe or reusable microfiber cloth.
4. Staff member sprays a disposable wipe or reusable microfiber cloth until it is damp, then wipes down equipment in the same manner they would with a traditional canister wipe. Note: please do not directly spray the item being cleaned as excessive fluid may damage some equipment.
5. Reapply spray to wipe or cloth as needed to maintain contact time of 3 minutes. For identified C. diff patients, allow contact time of 10 minutes.
6. Dispose of disposable wipe in nearest trash bin or place reusable microfiber cloth into nearest linen bag.