

# Bleach Safety Training

Lincoln-Lancaster County Health Department's bleach safety kit for child care providers

includes calibrated pumps that, when used properly, help ensure that bleach solutions are properly diluted. The information below is designed to train child care staff to use the pumps safely and effectively.

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## Materials:

- Bleach Safety Kit
- (2) 8.25% Concentrated Bleach bottles with pumps
- (2) spray bottles with sanitizer and disinfectant labels
- Pledge form

## Objectives:

- Ensure understanding of the difference between sanitizing and disinfecting.
- Identify the areas of the child care facility that require a sanitizer or a disinfectant.
- Identify the white pump for sanitizing.
  - 1 pump bleach to 1 quart of water
  - 4 pumps bleach to 1 gallon of water
- Identify the black pump for disinfecting
  - 1 pump bleach to 1 quart of water
  - 4 pumps bleach to 1 gallon of water
- Ensure use of 8.25% concentrated bleach. (Do not purchase splash-less or scented bleaches.)

## Proper mixing:

- Make “sanitizing” and “disinfecting” solutions daily. (Special Clean-Up solution only when needed.)
- Wear gloves
- Use room temperature water
- Add bleach to water to reduce fumes
- Use standard quart or gallon containers

## Proper Use:

- Label bottles and buckets.
- Clean surfaces first with soap and water.
- Spray away from you.
- Let surface air dry. Or wait 2 minutes and wipe dry.
- Never mix bleach with other chemicals. The fewer chemicals in your facility, the better.

## Discussion Questions:

**Which areas of the child care require a sanitizer and which require a disinfectant?** (Answer will vary by facility. See “Mixing Bleach” handout for more information.)

**How much bleach does it take to make a quart of disinfectant?**

(Answer: 1 pump from black pump or 1½ teaspoons)

**How much bleach does it take to make a gallon of sanitizer?**

(Answer: 4 pumps from the white pump or 1 teaspoon)