

## Basic Practices:

- Prepare fresh diluted bleach solutions daily or when solution is contaminated by organic material. Discard any solution left from the previous day.
- Use the appropriate dilution for the disinfection task:
  - » 1:32 for general disinfection
  - » 1:10 to inactivate ringworm
- Tightly close containers that hold bleach and diluted bleach solutions.
- Protect the diluted bleach solution from light.

## To prepare a solution:

1. Assemble an empty container of the required size with 5.25% bleach, and water.

**Note:** The percent concentration of bleach (sodium hypochlorite) is printed on the product label.

2. Add the correct volume of bleach to the empty container.
3. Add water to the container until the required volume is reached.

**Example:** Add 1/2 cup 5.25% bleach to a gallon container, and then add water to the container until the solution reaches the 1 gallon level.

## 1:32 Dilution: Use for General Disinfection

*(also Parvovirus, Panleukopenia, Calicivirus)*

**This Volume of Water. . . Requires this Volume of 5.25% Bleach**

|           |                 |
|-----------|-----------------|
| 1 gallon  | 1/2 cup         |
| 24 ounces | 4-1/2 teaspoons |
| 16 ounces | 1 tablespoon    |
| 8 ounces  | 1-1/2 teaspoons |

## 1:10 Dilution: Use for Disinfection If Ringworm May Be Present

**This Volume of Water. . . Requires this Volume of 5.25% Bleach**

|           |                           |
|-----------|---------------------------|
| 1 gallon  | 1-1/2 cups                |
| 24 ounces | 1/4 cup + 1-1/2 teaspoons |
| 16 ounces | 3 tablespoons             |
| 8 ounces  | 4-1/2 teaspoons           |

## Liquid Volumes

| This Volume... | Equals...                                       | In Milliliters... |
|----------------|---|-------------------|
| 1 gallon       | 4 quarts OR 8 pints OR 16 cups<br>OR 128 ounces | 3840 ml           |
| 1 quart        | 2 pints OR 4 cups OR 32 ounces                  | 960 ml            |
| 1 pint         | 2 cups OR 16 ounces                             | 480 ml            |
| 1 cup          | 8 ounces  | 240 ml            |
| 1 ounce        | 2 tablespoons                                   | 30 ml             |
| 1 tablespoon   | 3 teaspoons                                     | 15 ml             |
| 1/2 tablespoon | 1-1/2 teaspoons                                 | 7.5 ml            |