

# PURE BRIGHT™

## GERMICIDAL ULTRA BLEACH

|                                  |              |
|----------------------------------|--------------|
| <b>Active Ingredient:</b>        |              |
| Sodium Hypochlorite              | 6.0%         |
| <b>Other Ingredients:</b> .....  | <u>94.0%</u> |
| <b>TOTAL</b>                     | 100.0%       |
| [Yields 5.7% Available Chlorine] |              |

[Previously approved Alternate Brand Names(ABN) still in use:]

**[Bleach Regular] [Hi-Lex Bleach Regular Scent] [Red Max Germicidal Bleach] [Germicidal Bleach] [Pure Power Regular Bleach] [Top Job Bleach] [HDX Germicidal Bleach1]**

**Egg Shell Sanitizing:** Thoroughly clean eggs. Mix approximately 1 Tbsp. (1/2 fl. oz) of bleach per 1 gallon of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130°F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable rinse. The solution should not be re-used to sanitize eggs.

**Sanitizing [To Sanitize] Non-Porous Food Contact Surfaces:** Before using this product, remove or carefully protect food. Remove gross food particles from surface. Prewash surface with a good detergent and rinse thoroughly with potable water. Mix approximately 1 Tbsp. of bleach per gallon of water to prepare a 200 ppm available chlorine solution. Cover surface with bleach solution for at least 2 minutes. Air dry. Do not rinse equipment with water after treatment and do not soak equipment overnight.

**Sanitizing [To Sanitize] Porous Food Contact Surfaces: Rinse Method:** Prepare a solution of approximately 600 ppm by thoroughly mixing 6 Tbsp. (3 fl.oz.) of this product with 2 gallons of water. Clean surfaces in the normal manner. Rinse all surfaces thoroughly with the 600 ppm solution, maintaining contact with the sanitizer for at least 2 minutes. Prepare a 200 ppm sanitizing solution by thoroughly mixing 2 tablespoons (1 fl.oz.) of this product with 2 gallons of water. Prior to using equipment, rinse all surfaces with 200 ppm available chlorine solution. Do not rinse with water and do not soak equipment overnight.

**Immersion Method** - Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 13 fl.oz.. of this product with 10 gallons of water to provide 600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution, maintaining contact for at least 2 minutes and allow the sanitizer to drain. Following this, prepare a 200 ppm sanitizing solution by thoroughly mixing 4.5 fl.oz. of this product with 10 gallons of water and rinse all surfaces with this 200 ppm solution. Do not rinse with water and do not soak equipment overnight.

**Spray** - Preclean all surfaces after use. Prepare a 600 ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 13 fl.oz. product with 10 gallons of water. Use spray equipment which can resist hypochlorite solutions. Always empty and rinse spray equipment with potable water after use. Thoroughly spray all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Prepare a 200 ppm sanitizing solution by thoroughly mixing 4.5 fl.oz. of this product with 10 gallons of water.

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Mix quantity of bleach with quantity of water to obtain ppm level indicated.

| PPM* | Quantity of Bleach        | + | Quantity of Water |
|------|---------------------------|---|-------------------|
| 5    | 1 Drop (0.0017 fl. oz.)   |   | 2 Cups            |
|      | 1 Tsp (0.17 fl. oz.)      |   | 15 Gallons        |
| 10   | 2 Drops (0.0034 fl. oz.)  |   | 2 Cups            |
|      | 1 Tsp (0.17 fl. oz.)      |   | 7 ½ Gallons       |
| 25   | 5 Drops (0.0085 fl. oz.)  |   | 2 ½ Cups          |
|      | 1 Tsp (0.17 fl. oz.)      |   | 3 Gallons         |
| 50   | 5 Drops (0.0085 fl. oz.)  |   | 1 ¼ Cups          |
|      | 1 Tbsp (0.5 fl. oz.)      |   | 4 Gallons         |
|      | ¼ Cup (2 fl. oz.)         |   | 18 Gallons        |
| 75   | 15 Drops (0.0255 fl. oz.) |   | 2 ½ Cups          |
|      | ¼ Cup (2 fl. oz.)         |   | 12 Gallons        |
| 100  | 1 Tbsp (0.5 fl. oz.)      |   | 2 Gallons         |
|      | ¼ Cup (2 fl. oz.)         |   | 9 Gallons         |
| 200  | 1 Tbsp (0.5 fl. oz.)      |   | 1 Gallon          |
|      | 2 Tbsp (1.0 fl. oz.)      |   | 2 Gallons         |
|      | 5 Tbsp (2.5 fl. oz.)      |   | 5 Gallons         |
|      | ¼ Cup (2 fl. oz.)         |   | 4 Gallons         |
|      | ½ Cup (4 fl. oz.)         |   | 8 Gallons         |
|      | ¾ Cup (6 fl. oz.)         |   | 12 Gallons        |
| 400  | 1 Tsp (0.17 fl. oz.)      |   | 3 Cups            |
|      | 1 Tbsp (0.5 fl. oz.)      |   | ½ Gallon          |
|      | ¼ Cup (2 fl. oz.)         |   | 2 Gallons         |
|      | ½ Cup (4 fl. oz.)         |   | 4 Gallons         |
|      | ¾ Cup (6 fl. oz.)         |   | 6 Gallons         |
|      | 1 Cup (8 fl. oz.)         |   | 8 Gallons         |

[\*]PPM (Parts Per Million) of available chlorine (approximate)

### DILUTION TABLE: PPM (Parts Per Million) Available Chlorine.

Check chlorine concentration with standard test strip

½ oz. this product (1 tablespoon) + 1 gallon water = 200 ppm (1:256 Dilution)

¾ cup this product + one gallon water = 2500 ppm

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**12 oz. this product (1 ½ cup) + one gallon water = 5000 ppm**

| PPM*   | Quantity of Bleach         | + | Quantity of Water |
|--------|----------------------------|---|-------------------|
| 600    | 1 Tbsp (0.5 fl. oz.)       |   | 6 Cups            |
|        | ¼ Cup (2 fl. oz.)          |   | 1 ½ Gallons       |
|        | ½ Cup (4 fl. oz.)          |   | 3 Gallons         |
|        | ¾ Cup (6 fl. oz.)          |   | 4 ½ Gallons       |
|        | 10 Gallons (1,280 fl. oz.) |   | 1000 Gallons      |
| 800    | 1 Tbsp (0.5 fl. oz.)       |   | 4 ½ Cups          |
|        | ¼ Cup (2 fl. oz.)          |   | 1 Gallon          |
|        | ½ Cup (4 fl. oz.)          |   | 2 ¼ Gallons       |
|        | ¾ Cup (6 fl. oz.)          |   | 3 ¼ Gallons       |
|        | 1 Cup (8 fl. oz.)          |   | 4 ½ Gallons       |
| 1200   | 1 Tbsp (0.5 fl. oz.)       |   | 3 Cups            |
|        | ¼ Cup (2 fl. oz.)          |   | ¾ Gallon          |
|        | ½ Cup (4 fl. oz.)          |   | 1 ½ Gallons       |
|        | ¾ Cup (6 fl. oz.)          |   | 2 ¼ Gallons       |
| 2500   | ¼ Cup (2 fl. oz.)          |   | 5 Cups            |
|        | ¾ Cup (6 fl. oz.)          |   | 1 Gallon          |
|        | 1 ½ Cups (12 fl. oz.)      |   | 2 Gallons         |
|        | 3 Cups (24 fl. oz.)        |   | 4 Gallons         |
|        | 6 Cups (48 fl. oz.)        |   | 8 Gallons         |
| 5000   | ½ Cup (4 fl. oz.)          |   | 5 Cups            |
|        | 1 ½ Cups (12 fl. oz.)      |   | 1 Gallon          |
|        | 3 Cups (24 fl. oz.)        |   | 2 Gallon          |
|        | ½ Gallon (64 fl. oz.)      |   | 5 Gallons         |
|        | 1 Gallon (128 fl. oz.)     |   | 10 Gallons        |
| 10,000 | ½ Cup (4 fl. oz.)          |   | 2 ½ Cups          |
|        | 2 ½ Cups (20 fl. oz.)      |   | 3 Quarts          |
|        | 1 Gallon (128 fl. oz.)     |   | 5 Gallons         |

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**DILUTION TABLE: PPM (Parts Per Million) Available Chlorine.**

**Check chlorine concentration with standard test strip**

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**¾ cup this product + one gallon water = 2500 ppm**

**12 oz. this product (1 ½ cup) + one gallon water = 5000 ppm**