

# Chlorine Mixing Directions for Water Plant Operators

## Precautions SAFETY FIRST!

- Mix in a WELL VENTILATED area.
- Use PERSONAL PROTECTIVE EQUIPMENT (PPE) including respirator, rubber gloves, & safety goggles.
- If you accidentally get powder on skin, FLUSH IMMEDIATELY with plenty of water.



## Directions:

- 1 To mix a 5% solution (household bleach), add ¼ cup chlorine powder to each gallon of water (see chart).

Water in gallons	Chlorine powder in cups
1	0.25
2	0.5
3	0.75
4	1
5	1.25
6	1.5
7	1.75
8	2
9	2.25
10	2.5
11	2.75
12	3
13	3.25
14	3.5
15	3.75

Water in gallons	Chlorine powder in cups
16	4
17	4.25
18	4.5
19	4.75
20	5
21	5.25
22	5.5
23	5.75
24	6
25	6.25
26	6.5
27	6.75
28	7
29	7.25
30	7.5

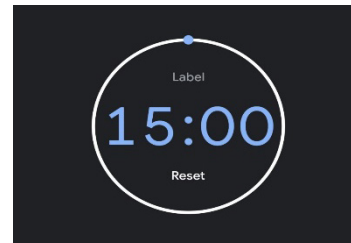
- 2 Fill mixing container with treated water, keeping track of how many gallons you have added.



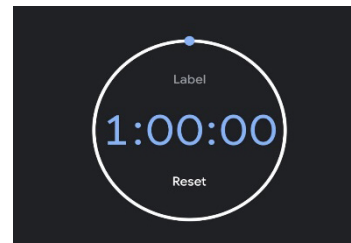
- 3 Add chlorine powder slowly to water in the correct ratio to the water added. (See Chart)



- 4 Mix for 15 minutes.



- 5 Allow to settle for 1 hour.



- 6 Transfer into chlorine containers by using pump to fill containers without drawing from the bottom of the container.



- 7 Dispose of any sediment in the bottom of the container before making fresh batch.
  - a. Drain bottom of container to waste.
  - b. Rinse container.