



DILUTIONS GUIDE

DISINFECTION OF OBJECTS AND SURFACES

WATA™

FOR INDIVIDUALS

1. Measure the chlorine concentration of your stock solution with the WataTest.	4 g/L 8 drops	5 g/L 10 drops	6 g/L 12 drops
2. Use this table to determine the volume of water to be added <u>per litre of stock solution produced</u> .* * If your stock solution has a chlorine concentration not specified in this table, please refer to the calculation formula, explained at the bottom of the page.			
 Floors concentration of 0,8g/L - 0,08%	4 L of clear water	5,25 L of clear water	6,5 L of clear water
 Hand washing concentration of 0,5g/L - 0,05%	7 L of clear water	9 L of clear water	11 L of clear water
 Dishwashing concentration of 0,5g/L - 0,05%	7 L of clear water	9 L of clear water	11 L of clear water
 Clothing / Laundry concentration of 0,2g/L - 0,02%	19 L of clear water	24 L of clear water	29 L of clear water
 Washing vegetables concentration of 0,05g/L - 0,005%	79 L of clear water	99 L of clear water	119 L of clear water

FOR HEALTH CENTRES

1. Measure the chlorine concentration of your stock solution with the WataTest.	4 g/L 8 drops	5 g/L 10 drops	6 g/L 12 drops
2. Use this table to determine the volume of water to be added <u>per litre of stock solution produced</u> .* * If your stock solution has a chlorine concentration not specified in this table, please refer to the calculation formula, explained at the bottom of the page.			
 Wounds disinfection concentration of 5g/L - 0,5%	Do not use	0 L of clear water	0 L of clear water
 Floors concentration of 2g/L - 0,2%	1 L of clear water	1,5 L of clear water	2 L of clear water
 Clothing, gowns (scrubs) and bed linen concentration of 2g/L - 0,2%	1 L of clear water	1,5 L of clear water	2 L of clear water
 Containers and objects concentration of 2g/L - 0,2%	1 L of clear water	1,5 L of clear water	2 L of clear water
 Hand washing concentration of 0,5g/L - 0,05%	7 L of clear water	9 L of clear water	11 L of clear water

FORMULA

$$V_{\text{disinfectant to prepare (L)}} = V_{\text{chlorine to use (L)}} \times \frac{C_{\text{chlorine obtained with WataTest (g/L)}}{C_{\text{targeted (g/L)}}$$

C_{targeted} is the concentration of active chlorine required for the disinfectant solution (e.g 0.5g/L for hand washing).

C_{chlorine obtained with WataTest} is the chlorine concentration in the solution produced by the WATA.

V_{chlorine to use} is the volume of hypochlorite needed to prepare the disinfectant.

V_{disinfectant to prepare} is the volume of disinfectant needed with the targeted concentration in active chlorine.



DILUTIONS GUIDE

DRINKING WATER DISINFECTION

WATA™

FOR INDIVIDUALS

1. Measure the chlorine concentration of your stock solution with the WataTest.	4 g/L 8 drops	5 g/L 10 drops	6 g/L 12 drops
2. Using this table, determine the volume of chlorine to be injected into the drinking water, depending on the quantity of water to be treated.			
 10 L	3,8 mL	3,0 mL	2,5 mL
 20 L	7,5 mL	6,0 mL	5,0 mL
 500 L	188 mL	150 mL	125 mL
 1'000 L	375 mL	300 mL	250 mL

FOR DRINKING WATER SUPPLIES

1. Measure the chlorine concentration of your stock solution with the WataTest.	4 g/L 8 drops	5 g/L 10 drops	6 g/L 12 drops
2. Using this table, determine the volume of chlorine to be injected <u>per m³ of water to be treated</u> , based on its chlorine demand*.			
* If you do not know the chlorine demand of the water to be treated, please refer to our "Determining the chlorine demand" sheet which can be downloaded from our website: watatechnology.com .			
Chlorine demand of the water to be treated			
0,5 g/m³	0,13 L	0,10 L	0,08 L
1 g/m³	0,25 L	0,20 L	0,17 L
1,5 g/m³	0,38 L	0,30 L	0,25 L
2,0 g/m³	0,50 L	0,40 L	0,33 L
2,5 g/m³	0,63 L	0,50 L	0,42 L



It is absolutely necessary to check the residual chlorine with WataBlue 30 minutes after chlorinating your drinking water. Ideally, the residual chlorine test should be carried out at the foot of the tank and at the furthest water distribution point. Only this test result will guarantee you protection against waterborne diseases.