

Attachment 5—Dilution Factors for Small Water Supplies

Water volume to be treated	Available Chlorine	Quantity of Chlorine to be used
1 kilolitre	4% (household bleach*)	125 ml or 125 g
1 kilolitre	12.5% (liquid pool chlorine)	40 ml or 40 g
1 kilolitre	65% (granular pool chlorine)	8 ml or 8 g

* Do not use lemon scented.

To calculate the volume of water, in kilolitres, in a cylindrical water tank, use the following formula:

$$\text{Volume (kilolitres)} = D \times D \times H \times 0.785$$

D = Diameter of the tank in metres

H = Depth of the water in metres

Note: Standard tanks will often have diameter and volume in kilolitres, printed on the tank walls.