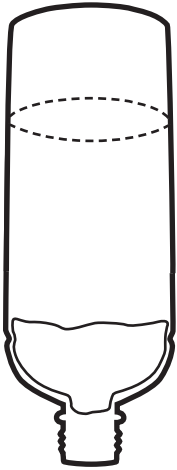


# How to Make a **TRUSTED** Water Filter



**1** Cut the bottom off a plastic bottle. Turn it over to make a funnel. Place about 2 inches of cotton or cloth into the neck of the bottle to keep the charcoal from falling through.



**2** Crunch up common wood charcoal into pea size gravel. Do not turn into powder. Wash off the white ash and put about 3 inches into the two liter plastic bottle.



**3** Put a piece of cloth or more cotton to hold the charcoal down and to screen out larger debris.



**4** A small clean rock can be used to keep the charcoal from floating.



**5** Pour your dirty water in here. Wait for it to filter through the charcoal. The charcoal can be used until it no longer cleans the water sufficiently.



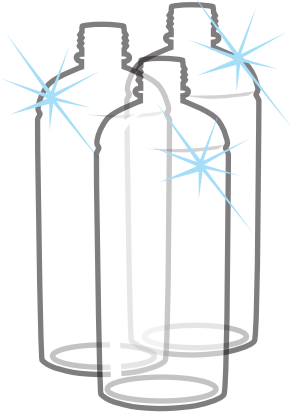
**6** This clean looking water will still contain bacteria and viruses. Put the charcoal filtered water into clean, clear plastic bottles and leave in a sunny location all day. The charcoal filter and the solar radiation means your water can be **TRUSTED**.



For more information visit [www.waterwellsforafrica.org](http://www.waterwellsforafrica.org)

Note: See directions for sanitizing the TRUSTED filtered water using either the SODIS method or the chlorine method.

# TRUSTED Water Disinfection Using Solar Power (The SODIS Method)



**1**

Use clear, washed PET bottles. PET bottles will have this symbol:



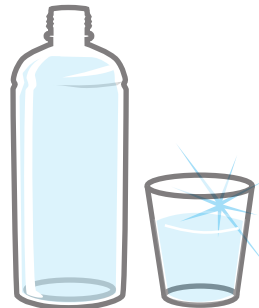
**2**

Fill bottles 2/3 full with **TRUSTED™** filtered water, close the cap and shake well. Then fill the rest of the way and replace the cap.



**3**

Expose bottles to direct sunlight for at least 6 hours, or for two days under very cloudy conditions.



**4**

The water is now safe to drink directly from the bottles or from clean cups.



**5**

Store water in SODIS bottles.



[www.waterwellsforafrica.org](http://www.waterwellsforafrica.org)

For more information on the SODIS method, please go to [www.sodis.ch](http://www.sodis.ch)

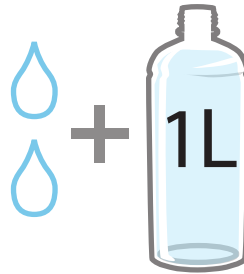
# TRUSTED Water Disinfection Using Chlorine

Adding 2 drops of bleach per liter or 8 drops per gallon of filtered water will kill most harmful bacteria and viruses.



**1**

Use only unscented liquid household bleach, with a concentration of 5-6% chlorine.



**2**

Add 2 drops of bleach per liter of filtered water (8 drops per gallon). If water is cloudy, 4 drops per liter (16 drops per gallon) may be used.



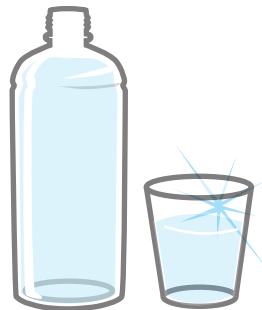
**3**

Replace cap and shake well.



**4**

Wait at least 30 minutes to allow the chlorine to kill the viruses and bacteria.



**5**

Drink from clean cups or directly from the bottle.



[waterwellsforafrica.org](http://waterwellsforafrica.org)

For more information on the chlorine disinfection method, please go to [www.cdc.gov/healthywater/emergency/safe\\_water/personal.html](http://www.cdc.gov/healthywater/emergency/safe_water/personal.html)