

Using Dry Chlorine for Water Purification

These instructions are based on information supplied from other sources, not from personal experience. The amounts are approximate and experience will be your best guide. Using water test strips will help you best determine the amount of chlorine you will need. The only thing on the test strip you are concerned about for water purification is chlorine (or bromine).

How Much Dry Chlorine To Use

55 barrel drum - Clean tap water 1/8 to 1/4 teaspoon dry chlorine
Clear water source 1/4 to 1/2 teaspoon dry chlorine
Cloudy water source 1/2 to 1 teaspoon dry chlorine

1 gallon - Just a pinch of chlorine is needed

How To Use Dry Chlorine

1. Add Dry chlorine to water and let sit for 24 hours with the lid or cap ajar (to allow chlorine to escape). If possible, set the container out in the sun. This helps the chlorine burn off. If not set in the sun, it may take an additional day or two for the chlorine to evaporate.
2. After 24 hours, test the water for chlorine levels.
 - A. If chlorine is indicated using the test strip this indicates organisms should have been killed and excess chlorine is left in the water. Allow water to sit another 12-24 hours for the remaining chlorine to burn off. Water is now usable.
 - B. If no chlorine is indicated using the test strip this indicates the chlorine was most likely used up killing bacteria, etc. and there may still be more living organisms in the water. Add 1/4 teaspoon more to the water and let sit again for another 12-24 hours. Check chlorine levels again. Repeat process until chlorine levels are left in the water. Once chlorine levels are indicated, allow water to sit another 12-24 hours for the chlorine to burn off. Water is now usable.

Other Information

- Please read cautions and storage directions on the package. Do not allow chlorine to get wet.
- Obviously, though not as reliable, you can also detect chlorine by the smell.
- Di-Chlor leaves a small amount of cyanuric acid in the water which is considered unharmed in these amounts.

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