

Emergency Water Disinfection Recipe

First filter the water through a cloth, coffee filter, etc. Only use bleach containing 6% or 8.25% sodium hypochlorite. Do not use scented, color safe, or bleaches with added cleaners.

Volume of Water	6% Bleach to Add	8.25% Bleach to Add
1 quart/liter	2 drops	2 drops
1 gallon	8 drops	6 drops
2 gallons	16 drops (1/4 teaspoon)	12 drops (1/8 teaspoon)
4 gallons	1/3 teaspoon	1/4 teaspoon
8 gallons	2/3 teaspoon	1/2 teaspoon

OR

Add 5 drops of 2% tincture of iodine to each quart or liter of water to be disinfected. If water is cloudy or colored, add 10 drops of iodine. Stir and let water stand for at least 30 minutes before use.

Source: <https://www.epa.gov/ground-water-and-drinking-water/emergency-disinfection-drinking-water>