



DO-IT-YOURSELF DISINFECTANTS FOR YOUR HOME

Tips on how to maintain a safe and clean home during COVID-19 outbreak if you cannot purchase a manufactured EPA-registered disinfectant.



DISINFECTANT SOLUTIONS

You can make a disinfectant spray with rubbing/isopropyl alcohol (at least 70%), hydrogen peroxide or bleach. For hydrogen peroxide and alcohol (at least 70%) you can spray the product as is directly on the surface.

When using bleach, dilute with the following recipe:

5 tablespoons (1/3 cup) of bleach in one gallon of water OR

4 teaspoons of bleach in one quart of water

Be sure to let sit for 10 minutes before wiping the surface!

The concentration of alcohol in vodka is not enough to kill viruses.



DISINFECTANT WIPES

Combine the following:

2 cups of warm water

1 cup rubbing/isopropyl alcohol (at least 70% alcohol) or hydrogen peroxide (0.5%)

1 tablespoon of dish soap

Add mixture to HALF a roll of paper towels and store in container.



HAND SANITIZER

If soap and water are not available, an alcohol-based hand sanitizer that contains at least 60% rubbing/isopropyl alcohol may be used.

Combine the following:

2/3 cup 99% rubbing/isopropyl alcohol

1/3 cup aloe vera gel



CONTACT TIME

In order for a disinfectant to work effectively, it needs a minimum "contact time" on the surface before the disinfectant should be wiped off. The contact time can be different based on the product and concentration, be sure to check the product label or EPA website (www.epa.gov) for further instructions.



For more information regarding COVID-19, refer to the CDC (www.cdc.gov/coronavirus), call the Allegheny County Health Department hotline at 888-856-2774 or check out achd.net for up to date information!