

HAND SANITIZER MIX 1- HOME MADE

Potency Matters

You're going to need some alcohol. According to the Centers for Disease Control and Prevention, your sanitizer mix must be at least 60 percent alcohol to be effective. But it's better to get way above that—**aim for a minimum of 75 percent. A bottle of 99 percent isopropyl alcohol is the best thing to use.** Your regular vodka and whiskey are too wimpy and won't cut it.

The Quick (Gel) Recipe

- Isopropyl alcohol ([also here](#))
- Aloe vera gel ([also here](#))
- Tea tree oil ([also here](#))

Mix 3 parts isopropyl alcohol to 1 part aloe vera gel. Add a few drops of tea tree oil to give it a pleasant scent and to align your chakras.

The Better (Spray) Recipe

- Isopropyl alcohol ([also here](#))
- Glycerol or glycerin
- Hydrogen peroxide
- Distilled water
- Spray bottle

The aloe mixture gets the job done, but aloe also leaves your skin annoyingly sticky. So, here's a recipe that's less sticky and more potent, based on the mix recommended by the WHO

(https://www.who.int/gpsc/5may/Guide_to_Local_Production.pdf).

Mix 12 fluid ounces of alcohol with 2 teaspoons of glycerol. You can buy jugs of glycerol online, and it's an important ingredient because it keeps the alcohol from drying out your hands. If you can't find glycerol, proceed with the rest of the recipe anyway and just remember to moisturize your hands after applying the sanitizer.

Mix in 1 tablespoon of hydrogen peroxide, then 3 fluid ounces of distilled or boiled (then cooled) water. (If you're working with a lower-concentration solution of rubbing alcohol, use far less water; remember, at least $\frac{3}{4}$ of your final mixture has to be alcohol.)

SOURCE: <https://www.wired.com/story/how-to-make-hand-sanitizer/>