

Making Gel Alcohol Hand Sanitizer without Fragrance

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1 Ingredients

The components needed to make gel alcohol hand sanitizer are common household products, so it's quite possible that you already have them. If you don't, you can obtain them easily at any drug or grocery store. You will need rubbing (isopropyl) alcohol that is at minimum 91% pure and plain aloe vera gel. That's it!

To be comparable to store-bought products like Purell or Germ-X in terms of effectiveness, the final product needs to be at least 65% alcohol. Using 91% isopropyl alcohol will place your final product within that range.

If you can find 99% isopropyl alcohol, choose that. It's not required, but it will increase the germ-killing effectiveness of your final product.

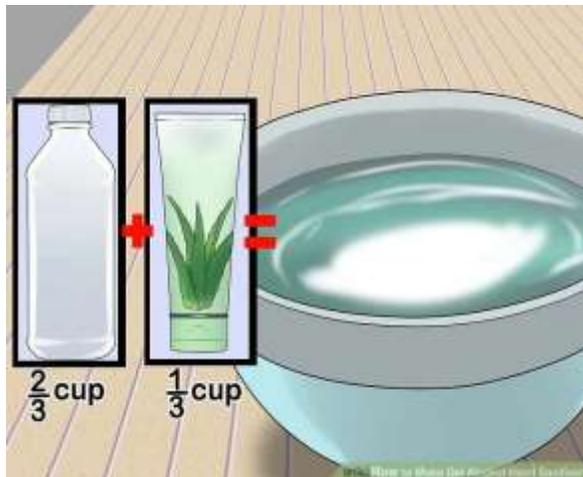
Aloe vera gel also comes in a variety of purity options. You'll want the purest that you can find – simply check out the label to get the purity information. This doesn't alter the effectiveness of the product, but using the purest you can find will ensure that your final mixture contains the least amount of additives and additional chemicals.



2 Gather your tools

The tools needed are also very common household items, which makes this process even easier! You'll need a clean bowl, a spatula (or spoon), a funnel and a recycled liquid soap or hand sanitizer bottle. If you don't have an empty bottle on hand to upcycle, you can use any kind of container you want, as long as it has a lid.

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3 Combine the ingredients.

Measure out $\frac{2}{3}$ cup of isopropyl alcohol and $\frac{1}{3}$ cup of plain aloe vera gel and dump both of them together in to the bowl. Use your spatula (or spoon) to stir vigorously until the ingredients are fully mixed together. If you'd prefer not to mix by hand in a bowl, you can use your food processor instead.



4 Bottle your product.

Use the funnel to pour the mixture directly from the bowl into the bottle you've chosen to use. Replace the pump, lid or cap on your bottle. Now you have your finished product and it's ready to use immediately!

The mixture will keep for 6 months or more. Store it away from direct sunlight to get the longest shelf life possible.

Put the mixture in smaller bottles that can easily fit into a purse, backpack or briefcase for use on the go. If you purchase any commercial sanitizers, save the bottles so that you can upcycle them later, since those are perfect for this.

You can usually purchase new empty bottles of this size at the grocery store. Check the aisle with travel size personal care items.

Making Gel Hand Sanitizer with Grain Alcohol

Hand Sanitizer with Grain Alcohol



1 Ingredients

Most of the components needed to make the hand sanitizer are common household products, so it is quite possible that you already have most of them. Start with a bottle of 190-proof grain alcohol, which is 95% alcohol. Since your hand sanitizer needs to be at least 65% alcohol to be effective, using a high-proof

liquor will ensure you get the strength you need. In addition, you'll need plain aloe vera gel, and any essential oils you'd like to use.

The essential oils you choose are completely up to you. Lavender, lemon, peppermint, geranium, cinnamon, tea tree and rosemary are common choices. You can use more than one if you like, but the total amount of essential oil you use should not exceed 10 drops.

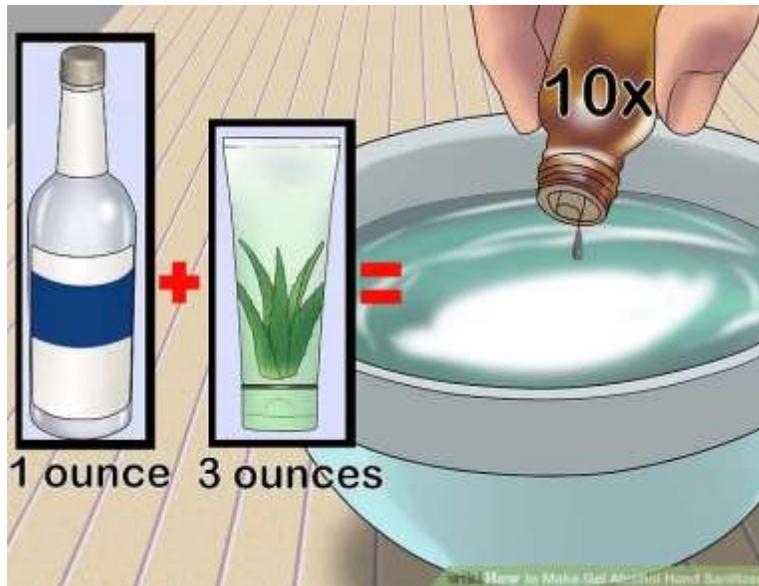
Aloe vera gel also comes in a variety of purity options. You'll want the purest that you can find – simply check out the label to get the purity information



2 Gather your tools.

You'll need a clean bowl, a spatula (or spoon), a funnel and a recycled liquid soap or hand sanitizer bottle. If you don't have an empty bottle on hand to upcycle, you can use any kind of container you want, as long as it has a lid.

Making Gel Hand Sanitizer with Grain Alcohol



3 Combine the ingredients.

Measure out 2 fl oz (59 ml) of grain alcohol and 1 fl oz (30 ml) of plain aloe vera gel and dump both of them together in the bowl. Add ten drops of your chosen essential oil(s). Use your spatula (or spoon) to stir vigorously until the ingredients are fully mixed together.

You can adjust the amount of the products that you're using, if you'd like, but keep the grain alcohol at a 2-to-1 ratio with the gel to ensure it's strong enough.

If you'd prefer not to mix by hand in a bowl, you can use your food processor instead.



4

Bottle your product.

Use the funnel to pour the mixture directly from the bowl into the bottle you've chosen to use. Replace the pump, lid or cap on your bottle. Now you have your finished product and it's ready-to-use immediately! Use the mixture within one month.

Store it out of direct sunlight.