



EASY TO MAKE AT HOME

HAND SANITIZER RECIPE

Recipe

INGREDIENTS

Step 1

Xanthan Gum	0.3g
Glycerin	3g
Water	36.4g

Step 2

100% Undenatured Ethanol (or 100% Isopropyl Alcohol)	60g
Lavender Essential Oil	0.3g

METHOD

Step 1

Mix Xanthan Gum and Glycerin to make a slurry

Prepare water in a cup, and add a small amount of the slurry at a time into water and mix well. When all mixed together, you should have a loose jelly mix.

Step 2

Mix 100% Ethanol (or Isopropyl Alcohol) and Lavender Essential Oil together.

Add a small amount of Ethanol+Essential Oil into the jelly water and stir until it is fully mixed. Continue adding and stirring until all mixed.

Notes

About adding essential oils

We used lavender essential oil in this recipe, but essential oils are not required for sanitizing purposes. If you chose other essential oils, please avoid the following because they are photo-toxic.

- Bergamot
- Bitter Orange
- Lemon
- Lime
- Grapefruit

About Ethanol or Alcohol

Please use 100% strength undenatured Ethanol or Isopropyl Alcohol to get a sanitizing effect. 100% Ethanol is usually sold by specialized chemical suppliers and Isopropyl Alcohol is easier to access.

Both Ethanol and Isopropyl Alcohol are flammable. Please mix them with a hand tool. Please use only spark-proof electric devices.

Benefits of This Hand Sanitizer

This is a very effective broad sanitizer and a very easy process to make at home. You could also replace water with hydrosol to give a fragrance you like. Or, chose an essential oil you love.

Enjoy making your own hand sanitizer!