

Sustainable DISINFECTANT

- INSTRUCTION -

What you need:

- Measuring cup/scale
- Pipette/spoon
- Funnel
- Spray bottle
- Gloves

Ingredients

- 83.3 ml ethanol
- 1.4 ml glycerine
- 15 ml water
- 1-3 drops of an essential oil of your choice

How it works:

1. First add the **alcohol** and then the **glycerine** to the spray bottle using the measuring cup or pipette. Use a funnel if necessary.
2. Then fill the spray bottle with the boiled **water** until it is full.
3. Optionally, you can now add 1-3 drops of an **essential oil** for a pleasant fragrance.
4. Close the spray bottle immediately after mixing so that nothing evaporates.
5. Shake the spray bottle gently to mix all the ingredients together thoroughly.

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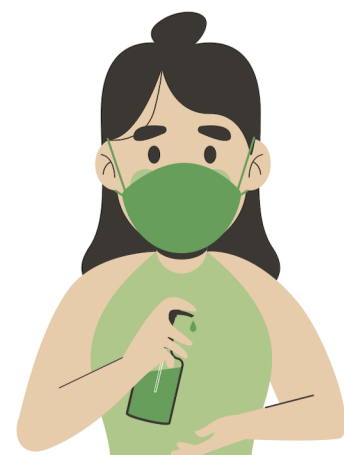
Why is conventional disinfectant often harmful to the environment?

Disinfectants can pose a risk to the environment due to the poor degradability of some ingredients. If disposed of incorrectly, e.g. in the sewage system, they kill aquatic organisms and disrupt the function of sewage treatment plants. In addition, the supply chains and manufacturing processes of the individual ingredients are usually not transparent and packaging can only be used once.

What have we tried to do better?

Ingredients: We have tried to limit ourselves to the bare essentials while ensuring the best possible protection - for a hospital visit or when dealing with sick people, for example. We have also done our best to keep delivery routes and production sites as short and efficient as possible.

To protect the product, we have deliberately not used alcohol. Our **ethanol** was produced in Germany and procured from our UKB in-house pharmacy. We also sourced the **bioglycerine** from purely plant-based substances from there and it serves as a moisturizer in our homemade disinfectant. Instead of using purchased distilled **water**, we opted for home-boiled tap water as an alternative. The **essential oils**, which have an antibacterial and antiviral effect and also provide a pleasant fragrance, are also produced in Germany. In addition, they come from controlled organic cultivation, are fairtrade and are produced in a resource-saving manner.



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Packaging & materials: We have also done our best to find environmentally friendly packaging options. This is why the **spray bottles**, for example, are made of amber glass, which has a higher proportion of recycled materials compared to white glass and can also be easily reused. The **info stickers** come from a German environmental printing company and were printed climate-neutrally with organic vegetable inks on 100% recycled paper and delivered with minimal packaging. Although our **pipettes** and **funnels** are made of plastic and glass for organizational reasons, they are an integral part of the range in our medicine cabinet and were just borrowed from there.

How to use it as sustainably as possible:

Even with our more environmentally friendly disinfectant alternative, care must be taken to dispose of it properly as hazardous waste. Use the disinfectant sparingly and in a controlled manner and keep it out of the reach of children. Weigh up whether disinfectant really needs to be used in the household, for example, or whether water, soap and environmentally friendly cleaning products are sufficient. The bottle can easily be reused, e.g. to moisturize your plants or to fill travel-sized products.



Did you know that disinfectant can also be used in other ways? Try the following:

- Clean make-up brushes
- Remove permanent marker from clothing
- Remove glue stains
- Remove plasters from the skin
- Remove nail polish
- Cleaning silver