

SUSTAINABLE DISINFECTANTS: HOME OPTIONS

Available in English & Spanish



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Green or eco-friendly sanitizers contain ingredients that pose less of a threat when introduced into our environment. Below, we'd like to present some alternatives you can consider to make changes to adopt more natural detergents to clean your home. Here is an overview of some environmentally friendly disinfectants.



Eco-friendly Alternatives

- **Baking soda + soap & water:**

Baking soda is a chemical compound referred to as sodium hydrogen carbonate. Adding this compound increases the efficacy of soap.

- **Hydrogen peroxide:**

This is good at fighting germs, bacteria, and viruses. It is a colorless liquid used in an aqueous solution for safety reasons. It acts as a bleaching agent and is also used as a disinfectant.

- **Biosurfactant products:**

These products are nature-based, anti-microbial, and anti-viral. Plus, they're biodegradable. *Biosurfactant* usually refers to surfactants of microbial origin.

- **Borax + water:**

Borax is a powdery white substance known as sodium borate, sodium tetraborate, or disodium tetraborate. This simple combination works as a great anti-microbial and anti-fungal cleaner.

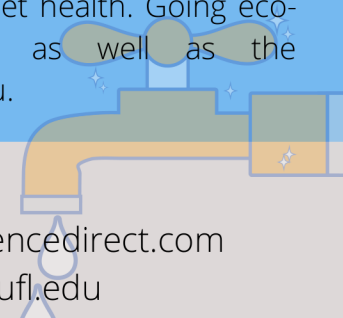
- **Low-concentration QACs:**

Quaternary Ammonium Compounds (QACs) are based on a chemical that kills bacteria, viruses, and mold. At low concentrations, QACs do not pose a threat to aqueous ecosystems.



Greywater is the water collected from sinks, showers, and household wastewater from one's home. Unfortunately, this water eventually drains into the environment and can spread harmful toxins. That's why it's so important to be careful what disinfectants we use in our homes.

Going eco-friendly is cheap. It only requires a couple of extra minutes of preparation, and most households already own the ingredients for to make an eco-friendly disinfectant. Also, hazardous chemicals can be dangerous to long-term human and pet health. Going eco-friendly benefits you as well as the environment around you.



Sourced sites:

- <https://www.sciencedirect.com>
- <https://edis.ifas.ufl.edu>
- <https://www.ncbi.nlm.nih.gov>
- <https://osha.washington.edu>
- <https://www.cdc.gov>