

## **CHOOSING SAFER DISINFECTANTS ACTIVE AGAINST THE COVID-19 VIRUS**



**Research over the past ten years has identified significant health and environmental issues related to some of the active ingredients used in disinfecting products. These include associations with asthma, cancer, endocrine disruption, and skin and respiratory system irritation.**

**The Environmental Protection Agency (EPA), Office of Pesticide Programs, registers sanitizers and disinfectants, but does not review all the health effects associated with the products. They have allowed their Design for the Environment (DfE) program to evaluate safer ingredients for use in sanitizers and disinfectants. DfE has identified safer active ingredients and some safer products – <https://www.epa.gov/pesticide-labels/design-environment-logo-antimicrobial-pesticide-products>.**

# DfE Approved Active Ingredients

- **Hydrogen Peroxide**
- **Ethanol**
- **Citric Acid**
- **L-lactic Acid**

**TIP - Disinfectants must be left visibly wet on a surface for the “contact time” listed on the product label. Follow label directions.**

**TIP - Disinfectants don't work well on dirty surfaces. Always clean first and then disinfect, even if the product is labeled as a cleaner/disinfectant.**

## Examples of Safer Disinfectants Active Against The COVID-19 Virus

| <b>Product</b>  | <b>Contact Time</b> |
|---|---------------------|
| <b>Diversey's Oxivir Wipes</b>  | <b>1 minute</b>     |
| <b>Diversey's Oxivir TB Ready-to-Use Liquid</b>                           | <b>1 minute</b>     |
| <b>Clorox Commercial Solutions Hydrogen Peroxide Disinfecting Cleaner</b> | <b>1 minute</b>     |
| <b>Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant</b>           | <b>1 minute</b>     |

# Examples of Safer Disinfectants Active Against The COVID-19 Virus

| Product   | Contact Time     |
|---|------------------|
| <b>Clorox Commercial Solutions®<br/>Hydrogen Peroxide Cleaner Disinfectant<br/>Wipes and Clorox Healthcare Hydrogen<br/>Peroxide Cleaner Disinfectant Wipes</b> | <b>2 minutes</b> |
| <b>PURELL Professional Surface<br/>Disinfecting Wipes (60 seconds against<br/>COVID-19)</b>   | <b>5 minutes</b> |
| <b>Diversey's SureTouch Disinfectant</b>  | <b>5 minutes</b> |
| <b>PURELL Professional Surface<br/>Disinfectant (registered under the name<br/>URTHPro) (60 seconds against the virus<br/>causing COVID-19)</b>                 | <b>5 minutes</b> |
| <b>Diversey's Oxivir Five 16 Concentrate<br/>(registered under the name Oxy-Team<br/>Disinfectant Cleaner)</b>  | <b>5 minutes</b> |
| <b>Betco GE Fight Bac RTU Disinfectant<br/>(registered under the name CleanCide)</b>  | <b>5 minutes</b> |

**TIP - Soap, water, microfiber and friction can remove microbes (germs) from surfaces.**

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| Product  | Contact Time |
|--|--------------|
| Diversey's Alpha HP Multi-Surface Disinfectant Cleaner (registered under the name Phato 1:64 Disinfectant Cleaner)   | 5 minutes    |
| Force of Nature Activator Capsule (This device is included because of the difficulty in procuring other approved products. The active ingredient has not been DfE approved but is Green Seal® Certified) | 10 minutes   |

**TIP - Look for products that are approved by:**



The above products were selected from EPA's comprehensive List N of disinfectants active against the COVID-19 virus.

These products were determined safer by Green Seal - <https://greenseal.org/coronavirus>, Responsible Purchasing Network - <http://www.responsiblepurchasing.org/>, and EPA Design for the Environment.- <https://www.epa.gov/pesticide-labels/design-environment-logo-antimicrobial-pesticide-products>



Poster Funded by Toxics Use Reduction Institute, UMass, Lowell