



## Methods for Disinfecting COVID-19 from Surfaces

**NOTE: If you have an existing Biosafety Protocol please follow the disinfection techniques detailed in that protocol.**

As campus remains open for research and other activities that do not involve gathering of large number of people, it is important to continue to practice good hand hygiene. In addition, we recommend that high touch surfaces (e.g. door knobs and handles) as well as lab benches be treated with agents that will kill viruses. EPA has issued a list of commercially available agents, which can be accessed by clicking [here](#). If commercially available agents are not readily available, the following can easily be prepared and filled in spray bottles for use:

1. 70% Ethanol (NOT 100%)
  - a) Requires a 5 minute dwell time to effectively kill viruses
2. 70% isopropyl alcohol (rubbing alcohol)
  - a) Requires a 5 minute dwell time to effectively kill viruses
3. Diluted bleach (20 ml of bleach diluted to 1 liter H<sub>2</sub>O)
  - a) Requires a 10 minute dwell time to effectively kill viruses

Spray the surfaces and wipe them down after the appropriate dwell time (above) to achieve disinfection.

### References:

- <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>
- <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/disinfection-methods/chemical.html>