



Effectiveness against COVID-19 by products supplied by Cincinnati Fire Department

Information compiled for use by IAFF Local 48 Safety Committee

Revised 21 MAR 2020

| Product Name | Mixing Ratio | Method | Contact Time | Notes |
|--|---|-----------|-----------------|---|
| <input checked="" type="checkbox"/> Ecolution Pro Disinfectant | 2 oz per gallon | Kill | 10 min, air dry | Preferred method to disinfect hard surfaces |
| <input checked="" type="checkbox"/> MSA Confidence Plus 2 | 1 oz per gallon 2 tsp per spray bottle (28-32oz) | Kill | 10 min, air dry | LIMITED SUPPLY, continue to use on SCBA facepiece and APR ONLY use to make spray bottles - do not dunk APR in bucket |
| <input checked="" type="checkbox"/> Pure Bright Germicidal Bleach (6% label) | 1/3 cup per gallon | Kill | 5 min, air dry | General equipment and surface disinfection. Creates 2% bleach-water solution, 1200ppm. 1:9 (10%) is too much. All bleach mixes are ineffective after 24 hours - mix as needed. |
| <input checked="" type="checkbox"/> Majestic Regular Bleach (3% label) | 2/3 cup per gallon | Kill | 5 min, air dry | |
| <input checked="" type="checkbox"/> Ajax Powder Cleanser with Bleach | Paste w/ water | Kill | N/A | Kitchen use ONLY |
| <input checked="" type="checkbox"/> Curaplex alcohol wipes | 70% | Kill | 20 seconds | Use for small medical devices |
| <input checked="" type="checkbox"/> Purell hand sanitizer | 70% | Kill | 20 seconds | Hand sanitizing ONLY |
| <input checked="" type="checkbox"/> Ecolution Gentle Fresh Foamin Hand Soap | N/A | Wash away | N/A | Hand washing ONLY |
| <input checked="" type="checkbox"/> Cascade ActionPacs | N/A | Wash away | N/A | Dish washing ONLY |
| <input checked="" type="checkbox"/> Murphy Dish Soap | N/A | Wash away | N/A | Dish washing ONLY |
| <input checked="" type="checkbox"/> Murphy HE Liquid Laundry | 2 oz per load | Wash away | N/A | Clothes washing ONLY |
| <input type="checkbox"/> PDI Sani-Cloth Plus | N/A | N/A | N/A | DOES NOT KILL COVID-19 |

***Note: DO NOT wipe-dry items that are disinfected - either spray from bottle and leave to dry, or use soaking rag from bucket and leave to dry**

<https://www.cdc.gov/coronavirus/2019-ncov/prepare/cleaning-disinfection.html>

<https://www.cdc.gov/coronavirus/2019-ncov/prepare/disinfecting-your-home.html>

<https://www.osha.gov/SLTC/covid-19/controlprevention.html>

<https://www.doh.wa.gov/Portals/1/Documents/8340/970-216-Disinfect-en-L.pdf>