

# Guidelines

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Interim Guidelines for Environmental Cleaning and Disinfection of Areas Exposed to Confirmed Case(s) of COVID-19 in Non-Healthcare Premises

Interim Guidelines for Environmental Cleaning and Disinfection in Residences That May Be Exposed to the COVID-19 Virus

**Interim List of Household Products and Active Ingredients for Disinfection of the COVID-19 Virus**

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## Interim List of Household Products and Active Ingredients for Disinfection of the COVID-19 Virus

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For general precautionary cleaning, detergent and water are adequate. For disinfection of areas that are very likely to be contaminated with COVID-19 virus (e.g. bedroom of a person confirmed to have a COVID-19 virus infection), general household products that contain the appropriate concentrations of active ingredients (A.I.s) can be used.

The suitable active ingredients and their effective concentrations are listed in Table 1. Table 1 provides guidance on the effective contact time (which is different among the various A.I.s) required by the A.I.s to act on a surface in order to be effective against coronaviruses. In addition to the use of cleaning agents, other treatments effective against coronavirus include steam and heat treatment. As the COVID-19 virus is new, no study has been published on the virus. This assessment is thus based on published scientific studies on coronaviruses, a group to which the COVID-19 virus belongs.

Table 2 lists common household products that can contain the appropriate A.I.s for disinfection<sup>1</sup>. These products had been assessed to be effective for the disinfection of surfaces against coronaviruses. However, claims on long term residual effects (if any) had not been assessed by NEA.

Important points to note when using disinfectants:

- 1. Check the labels and use according to instructions, and be aware of the potential hazard of each product.**
2. Avoid contact with eye and skin when handling cleaning products, and keep them away from children.
3. Do not mix different cleaning products and use in a well-ventilated area.
4. For disinfection of highly contaminated surfaces or material, avoid the use of spray, and allow appropriate time needed for disinfection.
5. This product list should be read in conjunction with the Guidelines and Advisories issued by NEA with instruction and guidelines on how to conduct proper cleaning and disinfection of premises.

<sup>1</sup> The product either contains the appropriate active ingredients listed in Table 1 or is accompanied with data that shows efficacy against coronaviruses.

(0.1778%)

14	GK Germ Killer GK Air	Benzalkonium chloride (0.2%)	-
15	GK Germ Killer GK Surface	Benzalkonium chloride (0.5%)	-
16	GK Germ Killer GK Concentrate (Citronella/Floral)	Benzalkonium chloride (5%)	C
17	Hygelab Disinfectant	Benzalkonium chloride (0.5%)	C
18	Intense Rescue Multipurpose Disinfectant Spray by Organica	Benzalkonium chloride (0.05%)	-
19	Magiclean Floor Cleaner (Various Scent)	Benzalkonium chloride (0.7%)	C
20	Magiclean Wiper Wet Sheets	Benzalkonium chloride (0.05%)	-
21	MAX Clean Multipurpose Cleaner-Aqua Lily	Benzalkonium chloride (0.2)	-
22	MDF-500 (Part A&B)	Benzalkonium chloride (3.2) Hydrogen peroxide (7.9%)	-
23	MITU Wetties Family Wet Wipes (Various Scents)	Benzalkonium chloride (0.05%)	-
24	Mr Muscle Multi-Purpose Cleaner (Various Scents)	Benzalkonium chloride (0.1-0.5%)	C
25	Pure Antimicrobial Concentrate	Benzalkonium chloride (0.12)	A,C
26	PURSUE Disinfectant Cleaner One Step	Benzalkonium chloride (1.5%)	C
27	Simple Green Clean Finish Disinfectant Cleaner	Benzalkonium chloride (0.15%)	-
28	Spray Nine Heavy Duty Cleaner / Degreaser / Disinfectant	Benzalkonium chloride (0.1%)	-
29	Softess Anti-Bacterial Wet Wipes (Various Scent)	Benzalkonium chloride (0.08%)	-
30	Soluball Floor and Surface Detergent Capsules (Various Scents)	Benzalkonium chloride (1.5)	C