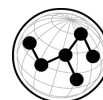




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CBRN
**Centres
of Excellence**
An initiative of the European Union



A EUROPEAN PROJECT CONTRIBUTION TO ADDRESS THE CORONAVIRUS EMERGENCY

SANITATION OF SURFACES

Some easily available household products are capable to deactivate the novel Coronavirus (2019-nCoV) with good efficacy within few minutes

**NOT TO BE
APPLIED
ON SKIN!**

Be careful

Common household products we find on the market are **concentrated too much**. We can prepare 3 different decontamination solutions starting by diluting the original products.

3 OPTIONS

Formulation for 0.5 L (volume of 1 small plastic soft-drink bottle) of decontamination solution

1. Using **household ethyl alcohol** (denatured alcohol) at 90% concentration
→ take **0.4 L of denatured alcohol** (approx. 2 full plastic cups)
→ add **tap water up to 0.5 L** in the bottle

alternatively

2. Using **first-aid hydrogen peroxide** at 3% concentration
→ take **0.1 L of hydrogen peroxide** (approx. half plastic cup)
→ add **tap water up to 0.5 L** in the bottle

alternatively

3. Using **Household bleach** at 5% concentration
→ take **10 mL of bleach** (approx. 1 full tablespoon)
→ add **tap water up to 0.5 L** in the bottle

*The decontaminant solution can be distributed by sprayers (with plastic only parts!). Let it act on surfaces for **not less than 1 minute or longer***

Diluted solutions are not stable over time.

It is advisable to prepare them frequently.



Warning

- **KEEP THESE SOLUTIONS OUT OF REACH OF CHILDREN!**
- **ALWAYS PUT A PROPER LABEL ON BOTTLES AND CONTAINERS!**

A careful cleaning and sanitation of surfaces (tables, handles, knobs, buttons) and of non-permeable protection equipment (gloves, boots, etc.) can help in mitigating and confining the spreading of the pathogenic virus in the environment.