

Quality information

Degradability of O2SAFE 7.4 ®

Tests were carried out on the ready-to-use disinfectant O2SAFE 7.4®, the composition of which is given here:

- Hydrogen peroxide (CAS No. 7722-84-1, biocidal active substance): 7.4% (75 g/L)
- Water: 92.6% (945 g/L),

The test conditions were as follows:

- GLP certified laboratory,
- Application rate of 50 mL/m²,
- 3 different surface materials,
- Residual H₂O₂ measurements.

The tests show a **biodegradability of H₂O₂ averaging 99.9%** under the different conditions, with an application rate well above the standard Airborne Surface Disinfection rate of 12 mL/m³ (Marketing Authorisation FR-2019-0071).


The residues are H₂O₂, depending on the porosity of the materials.

It should be noted that the nature of the materials, water, can interact with the H₂O₂ and influence these residues.

As the conditions of application of O2SAFE 7.4® vary according to the protocol (dose, contact time, renewal of new air, etc.), DEVEA cannot commit itself on the rate of residues after an airborne surface disinfection treatment with O2SAFE 7.4® and Phileas® devices.

St Etienne de Montluc, 14/11/2022

For Devea SAS,
The Quality Manager,
Charlotte GOURRAUD

A handwritten signature in black ink, appearing to be 'Charlotte Gourraud'.