

# O2SAFE7.4®

Non-corrosive biocide  
100% biodegradable



Hydrogen peroxide compatible with the whole range of Phileas® devices, for biodecontamination via Airborne Surface Disinfection. Compliant with **norm EN 17-272.**  
Marketing Autorisation **N° AMM FR-2019-0071.**

## Technical characteristics

### Hydrogen peroxide at 7.4% (75 g/L)

Compatible with the whole Phileas® range

### Residue free

### Ready to use

**BPR 528/2012 Biocide Regulation compliant**  
**EN 17-272 compliant**  
**Marketing Autorisation FR-2019-0071**

Before opening, best before 2 years

After opening, use within 1 year

CAS number 7722-84-1

Large spectrum: bactericide, sporicide, fungicide, yeasticide

PT2: Used for the disinfection of surfaces, materials and equipment not used for direct contact with food

PT4: Used for the disinfection of surfaces, materials and equipment associated with the production, transport, storage or consumption of food

pH: 3 ± 1

Density: 1.02 (at 20°C)

Dynamic viscosity: 1.11 mPa/s (at 20°C)

Color: clear liquid, colorless

## Packaging and accessories

- 2L container: reference O2S 7.4 2, in boxes of 4x 2L
- 10L container: reference O2S 7.4 10
- Pallets: 40 containers of 10L (400L) or 84 boxes of 8L (672L)
- Major pump: reference AR00669, recommended to transfer the O2SAFE solution from a 10L container into a 250mL or 500mL container (dosing 250mL pumped each time)
- Equipped cap for 2L containers for Phileas® 15, Phileas® 75 or Phileas® One: reference AR01057



## Performance, Security, Ease of use & Rapidity for the following applications:



Pharmaceutical industry



Food industry



Research laboratories



Biotechnologies



Health sector



Life Animal Science

## A proven efficacy

Tests performed according to norm **EN 17-272:2020**. All tests have been performed at an independant laboratory. Tests conditions: Dosis 12 mL/m<sup>3</sup>, Temperature 20-21°C, RH 45%, vol 55m<sup>3</sup>, H<sub>2</sub>O<sub>2</sub> 7.4%

Micro-organism		Health sector	Veterinary sector	Food industry	Contact time	Dosis (mL/m <sup>3</sup> )
Bacteria	<i>Staphylococcus aureus</i>	✓	✓	✓	2 hrs	12
	<i>Enterococcus hirae</i>	✓	✓	✓	2 hrs	12
	<i>Escherichia coli</i>	✓	n/a	✓	2 hrs	12
	<i>Pseudomonas aeruginosa</i>	n/a	✓	✓	2 hrs	12
	<i>Salmonella typhimurium</i>		✓		3 hrs	12
	<i>Listeria monocytogenes</i>		✓		3 hrs	12
	<i>Mycobacterium terrae</i>	✓	n/a	✓	3 hrs	12
Mould / Yeasts	<i>Aspergillus brasiliensis</i>	✓	✓	✓	2 hrs	12
	<i>Candida albicans</i>	✓	✓	✓	2 hrs	12
Bacteria spores	<i>Bacillus subtilis</i>	✓	✓	✓	3 hrs	12
	<i>Geobacillus stearothermophilus</i>	✓	✓	✓	3 hrs	12
Virus	ECBO (bovine enterovirus)		✓		2 hrs	12
	MNV-1 (murine norovirus)	✓	n/a	✓	2 hrs	12
	Adenovirus & Poliovirus	✓	n/a	✓	3 hrs	12
	SARS-COV2 (WUHAN) & SARS-COV2 (UK)		✓		3 hrs	12
Distribution test	<i>Staphylococcus aureus</i>		Compliant		3 hrs	12

### Safety instructions

- Strictly for professional use only. Dangerous product follow the precautions for use. Safety Data Sheet (SDS) available.
- In case of emergency, contact the Nancy poison unit at +33 383 323 636. Empty packaging must not be reused, it is the owner's responsibility to dispose of it as hazardous waste (refer to chapter 13 of SDS). Biocides must be used with caution. Before each use, read the label and information about the product.
- Precaution for safe handling, incompatible materials and products: refer to chapter 7.1, 7.2 and 8.2 in the safety data sheet.
- Storage conditions: store in tightly closed containers. Store in dry, cool, well-ventilated area. Avoid heat and sunlight.

### Why Devea?

- Biodecontamination expertise with the most demanding sectors & Marketing Authorisation
- Devea Services:
  - Protocol support & personalized advice
  - Maintenance kit & step by step guided maintenance manual
  - After-sale service & equipment repair diagnostic under 48hrs
- A range of products adapted for all volumes
- Design, manufacture and maintenance in France (Nantes)