O2SAFE7.4®

Biocide range

Non-corrosive biocide
100% biodegradable

biocide



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

PACKAGING & ACCESSORIES

- 2L container: reference O2S7.4 8, in boxes of 4x 2L
- 10L container: reference O2S7.4 10
- Pallets: 40 containers of 10L (400L) or 84 boxes of 8L (672L)
- Major (Dosing) pump: reference AR00668, 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, SAFETY & EASE OF USE FOR THE FOLLOWING APPLICATIONS AND SECTORS:

- Pharmaceutical industry
- Food industry
- Research laboratories
- Biotechnologies
- Health sector
- Life Animal Science

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

DE DUTSCHER SAS

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/m³, Temperature 20-21°C, RH 45%, vol 55m³, H_2O_2 7.4%

Micro-organism		Health sector	Veterinary sector	Food industry	Contact time	Dosis (mL/m³)
Bacteria	*Staphylococcus aureus*	✓	✓	✓	2 hrs	12
	Enterococcus hirae	✓	✓	✓	2 hrs	12
	Escherichia coli	✓	n/a	✓	2 hrs	12
	Pseudomonas aeruginosa	n/a	✓	✓	2 hrs	12
	Salmonella typhimurium	✓			3 hrs	12
	Listeria monocytogenes	✓			3 hrs	12
	Mycobacterium terrae	✓	n/a	✓	3 hrs	12
Mould / Yeasts	*Aspergillus brasiliensis*	✓	✓	✓	2 hrs	12
	Candida albicans	✓	✓	✓	2 hrs	12
Bacteria spores	*Bacillus subtilis*	✓	✓	✓	4 hrs	12
	Geobacillus stearothermophilus	✓	✓	✓	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	*Staphylococcus aureus*	Compliant			4 hrs	12

DOMINIQUE DUTSCHER SAS

Safety instructions

- Strictly for professional use only. Dangerous product, follow the precautions for use. Safety Data Sheet (SDS) available.
- In case of emergency, contact your local poison unit (in France, 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 harzardous 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)

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