



MADE IN FRANCE

HYGIENE AND DISINFECTION SOLUTIONS



MEDICAL
DEVICES



SURFACES



FLOORS



SKIN
HYGIENE



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Sodel & the brand Alkapharm



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Alkapharm, since 1991

Alkapharm was founded in 1991 with the ambition of providing a solution for the treatment of medical devices, manufacturer of cleaning performance, an essential prerequisite for efficient disinfection, at the heart of the subject. Alkapharm's founders quickly created products combining detergent performance and high-level disinfection: **Alkazyme** and **Alkacide** solutions were placed on the market and experienced strong growth in all healthcare environments, in France and internationally.

From the beginning, Alkapharm entrusted manufacturing of its products to Sodel, manufacturer of hygiene products based at Lisieux in Normandy. Alkapharm and Sodel merged at the end of 2018, making Alkapharm the brand name for Sodel's Healthcare division.



Sodel Healthcare Division, a team dedicated to hygiene in health environments

Our Healthcare Division team is trained in hygiene and disinfection practices and products for use in healthcare environments, to respond effectively to all our customers' requests.

Our sales representatives are present on site, to train the hygiene responsible teams and to implement cleaning and disinfection solutions suited to public health requirements.



Alkapharm, healthcare commitment

We support professionals in the fight against hospital-acquired infections using outstanding products with recognised efficacy. The Alkapharm brand embraces products essential to hygiene and disinfection practices, in healthcare environments: operating theatre, clinical support block, patient environment, sterilization...

By supplementing the Alkapharm offer with the Exeol and Propre Odeur branded products, also

manufactured by Sodel, our Healthcare range meets both needs for treating medical devices and the entire healthcare environment (surfaces, floors, hands, atmosphere).

Alongside major bodies in the world of hygiene and hospital disinfection, we attend many hygiene events organised in France and abroad.



Sodel, French production site

Our products are manufactured in France, on the Sodel site at Lisieux, which has been formulating, manufacturing and packaging hygiene and disinfection products since 1971.



95
employees

ISO 9001
13485



17 members
in our scientific team



550
formulations



340m²
of Research & Development
laboratory



1/3
of the formulations developed are
eco-designed (**Ecolabel, Ecocert**).

3
brands

Alkapharm
Targeting Infection

exeol

Propre  **Odeur**



Sodel is part of:

- the AFNOR T72Q Commission 'Chemical antiseptics and disinfectants'.
- the DEIC group («Déchets d'emballages industriels et commerciaux», industrial and commercial packaging waste disposal) within AFISE («Association française des industries de la détergence, de l'entretien et des produits d'hygiène industrielle», French association of detergent, cleaning and industrial hygiene products industries).



Our tools to support you



Website



Demonstration
videos



Catalogues
& flyers



Technical data
sheets



Use protocols



Social & environmental responsibility

The nature of our business requires to make a strong commitment through practical actions to reduce waste and limit our environmental and societal impact.



People

- Sodel pays particular attention to **preventing risks** for both people and the environment on its production site.
- Sodel establishes **partnerships** with **Companies and Services providing assistance for social integration through work** to create stable jobs for more vulnerable people, particularly the disabled.



48%
men



52%
women

97%
of our suppliers
are European



92%
are French



Design & manufacturing

Favouring renewable, natural and biodegradable raw materials over any other source, especially petrochemical ones:

- Substituting VOC¹ glycol ethers with substances not included in the VOC classification and with **more favourable eco-tox profiles**.
- 33% of the formulations developed since 2018 are **eco-designed**: Ecolabel & Ecocert certifications.
- Formulations without **substances of concern** (PBT² and vPvB³) and replacement of all materials classified as CMR⁴ and SVHC⁵.
- Favouring packaging materials that reduce the volume of waste.
- Combating deforestation: use of FSC/PEFC-certified boxes.
- Packaging designed to deliver the right product dose: avoids using too much product and therefore limits the discharge of chemical products into the environment.
- Concept of water-soluble doses which do not generate primary packaging waste.
- Constant search for the minimum active concentration to offer ultra-concentrated formulations and reduce the volumes transported and plastic packaging.

¹VOC: Volatile organic compounds - ²PBT Poly (butylene terephthalate) - ³vPvB: (very) Persistent, (very) Bioaccumulative - ⁴CMR: Carcinogens, Mutagens, Reprotoxic - ⁵SVHC: Substances of Very High Concern



Industrialisation

- Favouring manufacturing processes as harmless as much possible for the environment.
- Sorting waste** in the factory.
- Saving energy** by fitting motion detectors or replacing conventional bulbs with LEDs.
- 15% of our energy is green.
- Continuous improvement of the ratio of purchased water / tonnage production and improvement of the quality of our effluents.
- Fully retained site to avoid any accidental release into the environment.
- Construction of an environmentally-friendly 5,000 m² storage building complying with current thermal regulations.



Transport

- Consolidation of shipments at a unique facility to limit CO₂ emissions.
- Usage of vehicles meeting the EURO VI emission standards set by the Ministry of Transport.
- Heavy goods vehicles using technologies to reduce nitrogen oxide emissions.
- Optimisation of delivery rounds.

European Antimicrobial Effectiveness Standards

Depending on chemical disinfectant types and their applications
MEDICAL AREA

HYGIENIC HAND RUBBING

Compulsory European standards

Bactericidal activity	EN 13727 (2/1), EN 1500 (2/2)
Yeasticidal activity	EN 13624 (2/1)

NOTE > Activity on mold spores is not considered relevant for hygienic hand rubs.

SURGICAL HAND RUBBING AND WASHING

Compulsory European standards for high-level disinfection

Bactericidal activity	EN 13727 (2/1), EN 12791 (2/2)
Yeasticidal activity	EN 13624 (2/1)

NOTE > Activity on mold spores and viruses is not considered necessary as friction and surgical washing of hands are mainly used to reduce the amount of resident flora that does not include these microorganisms.

INSTRUMENTS DISINFECTION

Compulsory European standards

Bactericidal activity	EN 13727 (2/1), EN 14561 (2/2)
Yeasticidal activity	EN 13624 (2/1), EN 14562 (2/2)

Compulsory European standards for high-level disinfection

Fungicidal activity	EN 13624 (2/1), EN 14562 (2/2)
Tuberculocidal/mycobactericidal activity	EN 14348 (2/1), EN 14563 (2/2)
Virucidal activity	EN 14476 (2/1), EN 17111 (2/2)
Sporicidal activity	EN 17126 (2/1)

DISINFECTION OF SURFACES WITH MECHANICAL ACTION

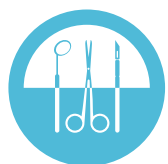
Compulsory European standards

Bactericidal activity	EN 13727 (2/1), EN 16615 (2/2)
Yeasticidal activity	EN 13624 (2/1), EN 16615 (2/2)

Additional European standards

Fungicidal activity	EN 13624 (2/1), EN 13697 (2/2)
Tuberculocidal/mycobactericidal activity	EN 14348 (2/1)
Virucidal activity	EN 14476 (2/1), EN 16777 (2/2)
Sporicidal activity	EN 17126 (2/1)

Source: prNF EN 14885: 2020 & Apendix 4 - ECHA BPR Guide Volume II (2018-04)



Medical Devices

Biofilm = bio-corrosion and damage to instruments (dull coating, yellowing, sticking).

A biofilm is a complex physiological entity made up of micro-organisms and their secretions: exopolysaccharides that protect them from outside agents by constructing a protective capsule. These micro-organisms will multiply on a badly-cleaned surface in a few hours, causing various types of contamination by sporulating.

High quality detergent performance is needed for the cleaning step.

The cleaning (or pre-disinfection) step is the essential prerequisite for good disinfection. It is used to remove dirt (blood, pus, saliva, bone residues, etc.) from the medical device and to dissolve residues in the soaking bath. Depending on the nature of the medical device treated and current recommendations, the cleaning phase can follow a specific protocol (double cleaning, brushing, etc.). With a medical device cleaned of any organic or protein soiling, the disinfection phase will only be more effective.

The products used in the pre-disinfection phase must have the best detergent performance, whatever the water quality. They must also have low-level antimicrobial activity (according to current recommendations) to prevent cross-contamination risks.

Inefficiently cleaned instruments = biofilm fixed during disinfection or sterilisation.

The properties of an efficient detergent disinfectant for pre-disinfection step:

- **Powerful sequestrant:** instantly converts hard water to soft water, facilitating the action of detergent and antimicrobial agents and avoiding deposits of limescale that lead to biofilm formation and alteration of the equipment.
- **Surfactant:** efficiently detaches deposits adhering to instruments.
- **Low-level antimicrobial efficacy:** decontaminates instruments and soaking baths to avoid cross-contamination.

Guide to good disinfection practices for medical devices - Conseil Supérieur d'Hygiène Publique (Higher Council for Public Hygiene) 1998.
Guide to manual cleaning of medical devices for digestive tract endoscopy - Ministère de la santé (Ministry of Health) 2004.
Good hospital pharmacy practice - Ministère de la santé (Ministry of Health) 2001.
Guide to choosing disinfectants - SF2H 2015





MEDICAL DEVICES



**Pre-disinfection
& cleaning**

Clinalkan 10

Alkazyme 11

DENTAL PROFESSIONS

**Pre-disinfection
& cleaning in dental
environments**

Impressiv 12

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Alkafraise 13



CE 0459
MD Class IIb



0.4% 4mL/L



10 min



Manual
processing



Alkaline

Clinalkan

Alkaline disinfectant cleaner

Use by immersion on instruments, invasive and non invasive reusable medical devices such as rigid and flexible endoscopes, TEE probes, etc.

- Formula new generation: detergency maximized for 5 minutes.
- Excellent solubilization to prevent dirt from settling again.
- Powerful sequestrant to inhibit scaling deposits which mineralize the biofilm.
- Antimicrobial activity from 5 minutes of contact.
- Economic & concentrated formula: 1L = 250L of active solution.

References	Packagings	Quantity per box
ALKE198	1 L dosing bottle	6
ALKE199	5L jerrycan + 1 pump	4
ALKE200	20 mL dose	250

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONCENTRATION	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	0.4 %	5 min
	EN 14561	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	0.4 %	10 min
Yeast	EN 13624	<i>Candida albicans</i>	0.4 %	5 min
	EN 14562	<i>Candida albicans</i>	0.4 %	5 min
Virus	EN 14476	Vaccinia ¹	0.4 %	5 min
	EN 14476	Norovirus, Hepatitis B virus, Hepatitis C virus	0.4 %	10 min

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...





CE 0459
MD Class IIb



0.5% - 5g/L



15 min



Manual
processing



Alkaline

References	Packagings	Quantity per box
ALKE103	750g bucket	6
ALKE153	2Kg bucket	6
ALKE152	5Kg bucket	4
ALKE175	bucket doses 5g x 100	6
ALKE149	bag doses 25g x 25	25
ALKE171	bag doses 25g x 25	25

Alkazyme

Enzymatic alkaline disinfectant cleaner

Use by immersion on instruments, invasive and non invasive reusable medical devices such as rigid and flexible endoscopes, TEE probes, etc.

- Powerful sequestering agent to prevent limescale deposits that mineralise the biofilm.
- Cleans effectively and acts on the biofilm internal structure.
- Maximum solubilisation of stains (blood, pus, etc.): the powder allows the enzymatic efficiency to be perfectly preserved until the moment of dilution and its use.
- Reduces the risk of cross-contamination thanks to decontaminated effluent discharge.
- Available in water-soluble doses: minimising waste packaging and safer for the users (less waste, less contact with the product).
- Ultra concentrated formula: 5KG = 1000L of active solution ready to use.
- Compatible with ultrasonic baths.

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONCENTRATION	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i> , <i>Acinetobacter baumannii</i>	0.5 %	15 min
Yeast	EN 13624	<i>Candida albicans</i>	0.25 %	15 min
Virus	EN 14476	HIV-1, Hepatitis B virus, Hepatitis C virus	0.5 %	15 min
	EN 14476	Herpes virus	0.5 %	1 min

The best detergent power without fixing proteins

According to french hospital studies carried out by:

- N Boubekeur, CH François Quesnay, 2006
- C Pichard, CHI Robert Ballanger, 2011

- C Paumier, CHU Avicenne AHP, 2009
- F. Rochereau, CH du Cotentin, 2012

Low toxicological and eco-toxicological power

- The solution at 0,5% is non-irritating to the skin and eyes.
- Totally biodegradable according to 302B OECD criteria.
- No risk of respiratory toxicity when exposed to dust (0.065 mg/L/4 hr according to OECD 403).



CE 0459
MD Class IIb



Ready to use



5 min



Spray



Neutral

Reference	Packagings	Quantity per box
ALKE107	1L spray	12
ALKE106	5L jerrycan	4

Impressiv

Dental impressions disinfectant cleaner

For dental use by spraying on impressions including Silicone, alginates, hydrocolloids and synthetic elastomers.

- Hydroalcoholic formula with broad spectrum activity.
- Quick activity in just 5 minutes.
- Dries rapidly ensuring no distortion of impressions.
- Formulated without aldehydes and phenols.

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	1 min
	EN 14561	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	5 min
Yeast / Fungi	EN 13624	<i>Candida albicans</i>	1 min
	EN 14562	<i>Candida albicans</i> , <i>Aspergillus brasiliensis</i> (niger)	5 min
Virus	EN 14476	Norovirus, HIV-1	30 sec
	EN 14476	Hepatitis B virus, Herpes virus, Influenza A/H1N1	1 min
	EN 14476	Hepatitis C virus, Rotavirus, Adenovirus	5 min
	EN 16777	Vaccinia ¹ , Adenovirus, Norovirus	5 min

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...



CE 0459
MD Class IIa



0,5% 5mL/L



15 min



Acid

References	Packagings	Quantity per box
ALKE137	1 L bottle	6
ALKE136	5L jerrycan + pump 20 mL	4

Alkasytem+

Concentrated disinfectant cleaner for surgical suction systems

Use in dental environments by circulating the solution in surgical suction systems and on spittoons.

- Optimal cleaning: surfactant/anti-foam synergy for safer use of the product.
- Descaling agent of vegetal origin derived from lemon.
- Readily biodegradable plant-based raw materials.
- Synthetic citrus fragrance
- Active on *Streptococcus mutans*, one of the bacteria responsible for cavities.
- Dilution at 0.5%: 1L concentrate = 200L of ready-to-use solution.
- Preventive action on limestone deposits.

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONCENTRATION	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	0.5 %	15 min
	EN 13727	<i>Streptococcus mutans</i>	0.5 %	15 min
	EN 13697	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i> , <i>Escherichia coli</i>	0.5 %	15 min
Yeast	EN 13624 / EN 13697	<i>Candida albicans</i>	0.5 %	15 min
Virus	EN 14476	Hepatitis B virus (PRV)	0.5 %	1 min
	EN 14476	Herpes simplex virus, Vaccinia ¹	0.5 %	5 min

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...

ALKAPHARM, TARGETING INFECTION



Alkafraise

Disinfectant cleaner for rotative instruments

Use by immersion before sterilization, on invasive and non invasive rotary instruments such as dentary or podiatry burs.

CE 0459
MD Class IIb



Ready to use



15 min



Manual
processing



Alkaline

- Specifically formulated with an anticorrosion agent to preserve burs during long soaking time carried out repeatedly.
- Effectively removes minerals and protein soils.
- Compatible with ultrasonic cleaning.
- User-friendly: ready-to-use product.

Reference	Packaging	Quantity per box
ALKE179	2L jerrycan	6

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae</i>	15 min
	EN 14561	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae</i>	15 min
Yeast / Fungi	EN 13624	<i>Candida albicans, Aspergillus brasiliensis (niger)</i>	15 min
	EN 14562	<i>Candida albicans, Aspergillus brasiliensis (niger)</i>	15 min
Virus	EN 14476	Herpès simplex virus	15 min
	EN 14476	Hepatitis C virus	15 min
	Institut Pasteur	Hepatitis B virus	10 min
	EN 17111	Vaccinia ¹	15 min

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...





Surfaces

Ensure your surface treatment disinfection products comply with the regulations related to their usage.

Surfaces of non-immersible or sheathed Medical Devices.

Non-immersible medical devices requiring disinfection before use must be treated with a product meeting the requirements of the Medical Devices regulation (CE marking).

The great majority of these medical devices are used on healthy skin (external ultrasound probes) or with a protective sheath (endoscopes, intracavity probes) and therefore require an appropriate level of disinfection in addition to efficient cleaning.

Surfaces of large medical devices (scanners, operating tables, monitors) and "work" surfaces (work benches, furniture, hospital beds, counter top, trolley, etc.):

These surfaces must be treated in the context of environmental management of cross-contamination risks. A product meeting the Biocidal Products Regulation must therefore be used.

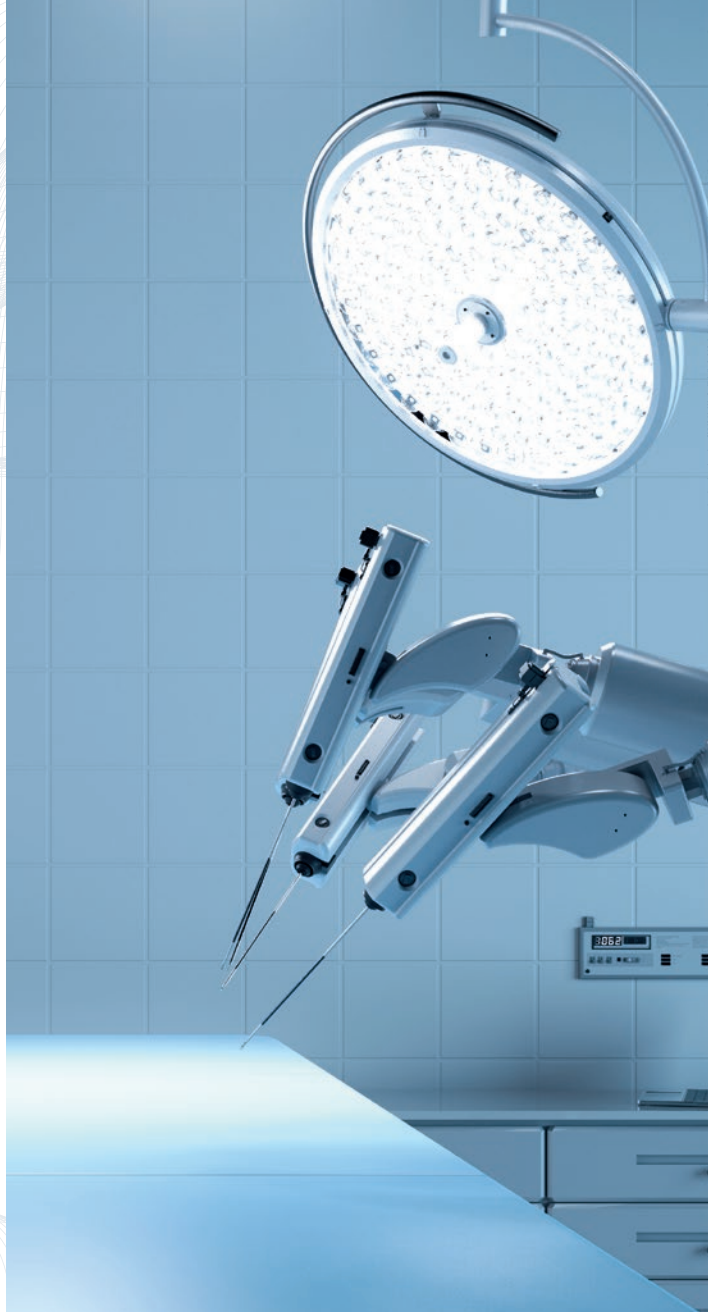
To be usable on both "work" surfaces and Medical Devices surfaces, a detergent disinfectant product must comply with two European regulations: Medical Devices and Biocidal products.

The biocleaning guide categorises facilities into 4 zones according to the infection risk to patients. For high surfaces (i.e. within direct reach of hands) it is recommended to use only a detergent disinfectant. This must have a real detergency action to clean the surfaces thoroughly of all soiling and therefore prevent the appearance of biofilms, but also include bactericidal and yeasticidal activity. It can also bring additional antimicrobial activities against certain strains to combat epidemics (e.g. Coronavirus, H1N1, etc.) or meet the needs related to its application (e.g. Clostridium difficile, Papillomavirus, etc.).

Sources :

Disinfection of healthcare establishment premises - CCLIN Sud-Ouest - 2005
Disinfection of healthcare establishment premises - CCLIN Sud-Ouest - 2010
Biocleaning: Principles and organisation - CCLIN Sud-Est 2012
Guide to choosing disinfectants - SF2H 2015
Regulation (EU) No. 528/2012 concerning the making available on the market and use of biocidal products
Directive 93/42/EEC on medical devices
Regulation (EU) No. 2017/745 on medical devices

Products for professional use. SDS and technical sheets available on www.sodel-sa.eu/EN.
Carefully read the technical instructions and product labels before use.



SURFACES & MEDICAL DEVICES



Cleaning & disinfection

**Septalkan
& Septalkan
Lingettes
(wipes)**

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**Cidalkan
& Cidalkan
Lingettes
(wipes)**

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Cleaning & disinfection of surfaces

Surfalkan SH

17

Surfaces treatment

Betanett

17



CE 0459

MD Class IIb
PT2/PT4



Septalkan

Disinfectant cleaner

↳ Alcohol free*

Use by wet wiping, on surfaces, equipments and invasive and non invasive reusable medical devices that cannot be immersed.

- Microbial spectrum obtained in 5 minutes.
- Active on *Clostridium difficile*² and on enveloped viruses such as Coronavirus, HBV, HCV...
- Material friendly: neutral pH.
- User friendly:
 - fragrance free
 - light foam
- Complies with Medical Devices and Biocidal products regulations.



Septalkan Lingettes(wipes)

Septalkan wipes offer a qualitative alternative solution for cleaning and disinfection of surfaces and reusable medical devices.

Reference	Packaging	Quantity per box
ALKE165	100 wipes flowpack - 180 x 200 mm	12



	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae</i>	5 min
	EN 14561	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae</i>	5 min
	EN 1276	<i>Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae</i>	5 min
	EN 13697	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Escherichia coli</i>	1 min
	NF T 72-281 ²	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Escherichia coli</i>	5 min
	EN 16615 ¹	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae</i>	5 min
Yeast / Fungi	EN 13624	<i>Candida albicans</i>	5 min
	EN 14562	<i>Candida albicans</i>	5 min
	EN 1650	<i>Candida albicans</i>	5 min
	EN 13697	<i>Candida albicans</i>	5 min
	NF T 72-281 ²	<i>Candida albicans, Aspergillus fumigatus</i>	5 min
	EN 16615 ¹	<i>Candida albicans</i>	5 min
Virus	EN 14476	Adenovirus, Norovirus, Hepatitis B virus, Hepatitis C virus, HIV, Rotavirus	5 min
	EN 16777	Vaccinia ³	5 min
Spores	NF T 72-281 ²	<i>Bacillus subtilis</i>	5 min
	NF T 72-281 ²	<i>Clostridium difficile</i>	5 min

¹ Standards performed on the wipes.

² Standards performed on sprayers (followed or not by mechanical action).

³ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...

Biocidal active substances:

DIDECYLDIMETHYLAMMONIUM CHLORIDE (n°CAS: 7173-51-5) at 0.25g/kg. ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (n°CAS: 68424-85-1) at 0.95g/kg.

*Contains less than 0.1% of alcohols.



Cidalkan

Disinfectant cleaner

Hydroalcoholic solution



CE 0459

MD Class IIb
PT2/PT4



* except *Clostridium difficile*: 15 min.

References	Packagings	Quantity per box
ALKE114	500mL bottle	12
ALKE108	1L Spray	12
ALKE109	5L jerrycan	4

- Active on *Clostridium difficile* spores and enveloped viruses such as Coronavirus, HBV, HCV...
- Active on Human Strain Papillomaviruses HPV-18 and HPV-16¹.
- Quick drying: ideal between two patients.
- Protocol of use adapted to the recommendations for Endocavitary Ultrasound Probes.
- Compatible with ultrasound transducers, blood glucose testers.
- Complies with Medical Devices and Biocide Products regulations.

*The cleanliness conditions are applicable for the use of Cidalkan on Endocavity Ultrasound Probes (EUP) which require intermediate level disinfection after a step of cleaning.
NA: standards or conditions not applicable to the use for which Cidalkan is claimed.

Cidalkan Lingettes (wipes)

Cidalkan wipes are perfect for quick and easy decontamination of surfaces and reusable medical devices.

References	Packagings	Quantity per box
ALKE115	120 wipes box - 130 x 190 mm	12
ALKE101	200 wipes box - 216 x 240 mm	6



	TESTS	MICRO-ORGANISMS	CONTACT TIME	
			Clean conditions [*]	Dirty conditions
Bacteria	EN 1276	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i> , <i>Escherichia coli</i>	NA	5 min
	EN 13697	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i> , <i>Escherichia coli</i>	NA	5 min
	EN 13727	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	30 sec	1 min
	EN 14561	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i> , <i>Acinetobacter baumannii</i>	3 min	5 min
	EN 16615 ¹	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	5 min	
Yeast / Fungi	EN 1650	<i>Candida albicans</i> , <i>Aspergillus brasiliensis</i> (niger)	NA	5 min
	EN 13697	<i>Candida albicans</i> , <i>Aspergillus brasiliensis</i> (niger)	NA	5 min
	EN 13624	<i>Candida albicans</i>	30 sec	1 min
	EN 13624	<i>Aspergillus brasiliensis</i> (niger)	5 min	
	EN 14562	<i>Candida albicans</i> , <i>Aspergillus brasiliensis</i> (niger)	5 min	
	EN 16615 ¹	<i>Candida albicans</i>	5 min	
Virus	EN 14476	Adenovirus, Vaccinia ^{3,4}	30 sec	5 min
		Norovirus murin	30 sec	30 sec
		Poliovirus	3 min	
		Rotavirus	5 min	
	EN 16777	Vaccinia ⁴ , Adenovirus / Norovirus	30 sec / 3 min	5 min
Mycobacteria	Ph.D Meyers Protocols ⁵	HPV-18 (>4log), HPV-16 (3,5log) ¹	5 min	
	EN 14348	<i>Mycobacterium terrae</i>	30 sec	NA
Spores	EN 14563	<i>Mycobacterium terrae</i>	30 sec	NA
	EN 17126	<i>Clostridium difficile</i>	NA	15 min
	NF T 72-281 ²	<i>Bacillus subtilis</i>	NA	5 min

¹ Standards performed on wipes. ² Standards performed on sprayers (followed or not by mechanical action). ³ Standards performed according to EN 14476 in dirty conditions on Adenovirus and Norovirus murin also cover enveloped viruses listed in bold on the Annex A of the standard (§ 4, Prescriptions). ⁴ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ... ⁵ Adapted protocol of EN 16615 standard by PennState College of Medicine Department of Microbiology and Immunology Pennsylvania, Ph. D Craig Meyers.

Biocidal active substances: Ethanol (n°CAS: 64-17-5) à 620g/kg, N,N(3-Aminopropyl) dodecylamine (n° CAS: 2372-82-9) 1,5g/kg.



PT2/PT4



References	Packagings	Quantity per box
ALKE203	750mL spray	12
ALKE181	5L jerrycan	2

Surfalkan SH

Disinfectant cleaner

Use by wet wiping, on surfaces, equipments and heavy medical devices.

- Combination of wetting cleaning agent and antimicrobial active ingredients to ensure the removal of dirt and the disinfection of surfaces.
- Lightweight, non-sticky foam for user comfort.
- Reduction of aerosol formation and components volatility.
- Compatible with all types of surfaces.
- Light synthetic grapefruit scent.
- Active on *Clostridium Difficile* spores and on enveloped viruses such as Coronavirus, HBV, HCV...
- Readily biodegradable raw materials that do not generate bioaccumulation. Formulated without EDTA and NTA.

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae</i>	5 min
	EN 1276	<i>Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae</i>	30 sec
	EN 13697	<i>Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae</i>	5 min
	EN 13697	<i>Acinetobacter baumannii</i>	5 min
Yeast	EN 1650	<i>Candida albicans</i>	1 min
	EN 13697	<i>Candida albicans</i>	5 min
Virus	EN 14476	Norovirus, Rotavirus, Hepatitis C virus, HIV	5 min
	EN 14476	Hepatitis B virus	1 min
	EN 16777	Vaccinia ¹	5 min
Spores	EN 13704	<i>Clostridium difficile</i>	15 min

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...

Biocidal active substances: ETHANOL (n°CAS: 64-17-5) at 30.15 g/kg, ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (n° CAS: 68424-85-1) at 4.00g/kg.

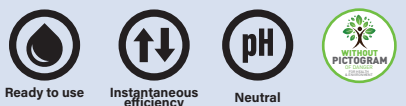


Betanett

Stains remover

Removes iodine and lugol stains.

- Instant removal of iodine and lugol stains when leaving the operating theatre.
- Compatible with all types of surfaces: floors, textiles, medical equipment.
- Perfect for removing stains on white coat.
- Colorless formula.



Reference	Packaging	Quantity per box
ALKE113	500mL spray	12





Floors

Premises are divided into 4 different zones according to infection risk. Whatever the care sector, the **regulations specify that routine cleaning of floors using a simple detergent is sufficient**, since it significantly reduces the bacterial population. **Disinfection of floors with a detergent disinfectant is alternated with the use of a simple detergent.**

The spectrum of activity must be suited to the type of surface.

Only a low-level disinfection is recommended for treating floors (bactericidal and yeasticidal activity).

In addition to excellent detergency performance, fragrance choice is also important for medical premises that receive members of the public.



FLOORS



Cleaning
& disinfection

AlkaDDH 19

AlkaDDS 19

Disinfection of healthcare establishment premises - CCLIN Sud-Ouest - 2005
Disinfection of healthcare establishment premises - CCLIN Sud-Ouest - 2010
Biocleaning: Principles and organisation - CCLIN Sud-Est 2012
Guide to choosing disinfectants - SF2H 2015

Use biocides carefully. Before any use, make sure it is essential, especially in places frequented by the general public. Whenever possible, favour alternative methods and products with the lowest risk for human and animal health, and for the environment. Read the label and product information carefully. Dangerous products, respect the conditions of use.
Product type 2: Disinfectants and algicides not intended for direct application on humans or animals.
Product type 4: Surfaces in contact with food and feed.



PT2/PT4



References	Packagings	Quantity per box
ALKE132	1L bottle	6
ALKE131	5L jerrycan + 1 pump	4
ALKE207	20mL doses	250

AlkaDDH

Disinfectant cleaner

Use on all types of floors and surfaces by wet mopping or with a scrubber-dryer.

- Superior detergency approved from the first mop pass.
- Active on enveloped viruses such as Coronavirus, HBV, HCV...
- Optimum safety: aldehyde and quaternary ammonium free.
- Compatibility with any type of floors.
- Non-staining and non-sticky formulation. Without rinsing.
- Food contact surfaces.
- Fresh synthetic eucalyptus fragrance.

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONCENTRATION	CONTACT TIME
Bacteria	EN 1276	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Escherichia coli</i>	0.5 %	15 min
	EN 13697	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Escherichia coli</i>	0.5 %	15 min
	EN 13727	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae</i>	0.5 %	15 min
Yeast	EN 1650	<i>Candida albicans</i>	0.5 %	15 min
	EN 13697	<i>Candida albicans</i>	0.5 %	15 min
	EN 13624	<i>Candida albicans</i>	0.5 %	15 min
Virus	EN 14476	Vaccinia ¹	0.5 %	15 min

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...
Biocidal active substances: N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (N° CAS: 2372-82-9) at 50.01g/kg, propane-2-ol (N° CAS: 67-63-0) at 40.00g/kg, Ethanol (n° CAS: 64-17-5) at 40.00g/kg.



PT2



Reference	Packaging	Quantity per box
ALKE186	1 L dosing bottle	6

AlkaDDS

Scented disinfectant cleaner

Use on all types of floors and surfaces by wet mopping or with a scrubber-dryer.

- 1 step for 3 actions: cleaning, disinfection and deodorization.
- Persistent and qualitative grapefruit fragrance: neutralising odors for longer.
- Active on enveloped viruses such as Coronavirus, HBV, HCV...
- Strong detergency with neutral pH: compatibility with any type of surfaces and floors.

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONCENTRATION	CONTACT TIME
Bacteria	EN 1276	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Escherichia coli, Enterococcus hirae</i>	0.5%	15 min
	EN 13697	<i>Pseudomonas aeruginosa, Staphylococcus aureus, Escherichia coli, Enterococcus hirae</i>	0.5%	15 min
Yeast	EN 1650	<i>Candida albicans</i>	0.5%	15 min
	EN 13697	<i>Candida albicans</i>	0.5%	15 min
Virus	EN 14476	Vaccinia ¹	0.5%	15 min

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...
Biocidal active substances: ETHANOL (n°CAS: 64-17-5) at 20.62 g/kg, DIDECL DIMETHYL AMMONIUM CHLORIDE (n° CAS: 7173-51-5) at 16.00g/kg.



Hand hygiene

Hand hygiene is the first preventive measure to limit hand-transmitted infections.

Washing hands as often as possible or disinfecting them with an alcohol-based hand gel when there is no basin available is an essential routine procedure.

The hydrolipid film is our first natural defence against the outside.

This is a thin acidic emulsion impregnating the outermost layer of the epidermis. The hydrolipid film helps maintain the skin's hydration and suppleness and prevents microbial growth.

Healthcare professionals, take care of your skin!

The high-frequency use of low-end skin hygiene products progressively degrades this film and gradually leads to various dermatological diseases. A damaged hydrolipid film means a skin in danger. Products (cleansing lotion, alcohol-based hand gel) must therefore be chosen with formulations that respect the hydrolipid film and therefore protect your hands.

Focus : Glycerin.

Moisturising agent resulting from a saponification process, that protects the epidermis, softens the skin and makes it more supple. It is particularly recommended for sensitive or dry skin. Glycerin allows the skin to tolerate, after repeated rubbing, products intended for hand hygiene.

Our Hand Hygiene range is enriched with glycerin and has been designed for high frequency use.

Let's avoid cross-transmissions!

➤ Find the 'HAND HYGIENE' protocol on the www.sodel-sa.eu/EN website





HAND HYGIENE



Hand washing	Alkadoux	22
Supports & distributors Hand hygiene	NEW	22
Hand disinfection by rubbing	Alkafresh gel	23



No perfume

1 dose
= 3mL

References	Packagings	Number per carton
ALKE202	100mL Pocket Size bottle	24
ALKE126	500mL Dispensing bottle	12
ALKE125	1L Dispensing bottle	6
ALKE124	1L Airless	6
ALKE123	5L jerrycan	2

Alkadoux

Mild cleaning lotion with vitamins

Simple and frequent washing of hands and body.

- Specially formulated for professional high frequency use.
- Enriched with vitamins A, B, E & F and glycerin to preserve the hydrolipidic film and leave the skin soft.
- Respects all skin types, even the most sensitive, with its hypoallergenic formulation without fragrance nor colorant.
- Tested under dermatological control.

Supports & distributors

Compatible with Alkadoux & Alkafresh gel



Stainless wall mount support for 1L Airless.
Reference AC0026



Plastic wall mount support for 300 and 500mL.
Reference AC0025

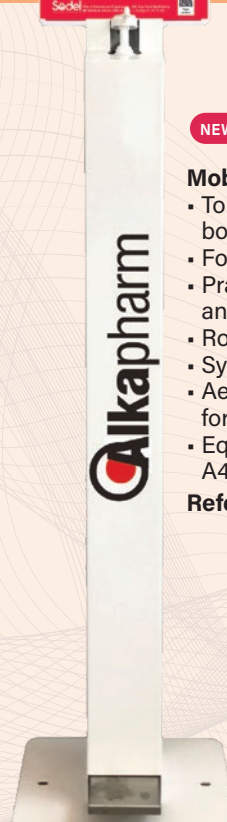


NEW

Mobile gel dispenser

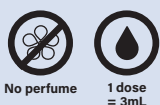
- To be used with Alkafresh gel bottles in 500mL and 1L.
- Foot pedal to avoid contacts.
- Practical: Sight stripe to visualize and control level of gel.
- Robust and durable material.
- System secured by key lock.
- Aesthetic and compact, suitable for all spaces.
- Equipped with poster support of A4 format.

Reference ALKE233





PT1



Alkafresh gel

Glycerinated hydroalcoholic gel

↳ For the hygienic and surgical hand disinfection by friction



For use on all skin types, even sensitive.

- Active on Norovirus, Rotavirus and on enveloped viruses such as Coronavirus, HBV, HCV, HIV...
- Bi-alcohol formulation for a broad spectrum of activity.
- The right concentration that combines effectiveness and skin tolerance.
- Suitable for high frequency use thanks to its enriched formula with glycerin, an emollient and soothing natural cosmetic agent.
- **New:** Now available in individual pocket doses (3mL)

References	Packagings	Number per carton
ALKE118	100mL Pocket Size bottle	24
ALKE122	300 mL Dispensing bottle	6
ALKE121	500mL Dispensing bottle	12
ALKE120	1L Dispensing bottle	6
ALKE119	1L Airless	6
ALKE206	5L jerrycan	2
ALKE225	Doses 3mL	500

	TESTS	MICRO-ORGANISMS - Dirty conditions, 20°C	CONTACT TIME
Bacteria	EN 13727	<i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i> , <i>Acinetobacter baumannii</i> , <i>Escherichia coli</i>	30 sec
	EN 13697	<i>Clostridium difficile</i>	5 min
Yeast	EN 13624	<i>Candida albicans</i>	30 sec
Virus	EN 14476	Norovirus, HIV, Vaccinia ¹	30 sec
	EN 14476	Influenza A/H1N1	10 sec
	EN 14476	Herpes virus	15 sec
	EN 14476	Rotavirus	5 min
Hygienic handrub	EN 1500	<i>Escherichia coli</i>	3ml/30 sec
Surgical handrub	EN 12791	Cutaneous microbial flora	2x (4.5ml/1 min)

¹ The Vaccinia Virus is the representative virus of the enveloped viruses presented in appendices of EN 14476+A2 (2019), EN 16777 and EN 17111 standards such as: Hepatitis B virus (HBV); Hepatitis C virus (HCV); Human immunodeficiency virus (HIV); Herpesviridae (Herpes virus); Coronavirus; Influenza, rabies, rubella, measles viruses; ...

Biocidal active substances: Ethanol (n°CAS: n°64-17-5) at 52%, Propane-2-ol (n°CAS: n°67-63-0) at 18%. For professional use only, ready to use.



MADE IN FRANCE

We are available to advise you.

Our customer service is available by phone on +33 (0)2 31 31 10 50 for any questions concerning a product or an order, or to refer you to your sales manager.

www.sodel-sa.eu/EN

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WHEREVER HYGIENE
IS A PUBLIC HEALTH
ISSUE