

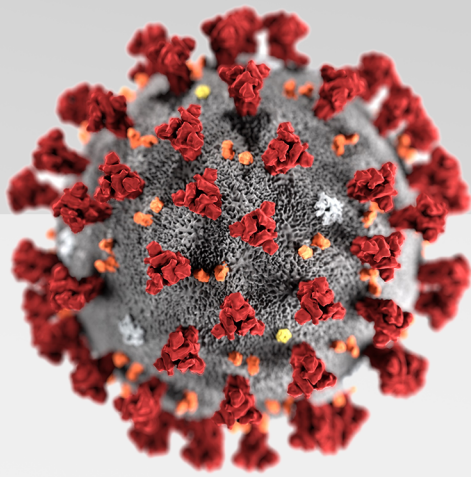
schülke -+

mikrozin®

Your choice for surface disinfection against Covid-19



we protect lives
worldwide



SARS-CoV-2

The Virus

- Enveloped virus
- Belongs to the coronavirus family (*Coronaviridae*)
- ~80% similarity to SARS-like coronaviruses in terms of genetic make-up
- Causes the Coronavirus Disease -19 (COVID-19) ¹
- Transmissible ²

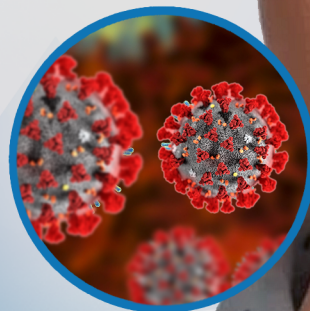
Mode of Transmission

Close contact via droplets



Contamination of surroundings when the droplets containing the viruses lands on them (e.g. table)³

Coronavirus can survive on inanimate surfaces from 2 hours to 9 days ^{4,5}



Indirect transmission

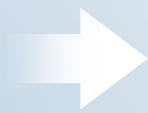
1. Wu et al (2020), 'A new coronavirus associated with human respiratory disease in China', Nature, doi:10.1038/s41586-020-2008-3
 2. Chen et al (2020), 'Pathogenicity and transmissibility of 2019-nCoV- A quick overview and comparison with other emerging viruses', Microbes Infect, doi:10.1016/j.micinf.2020.01.004
 3. Ong et al (2020), 'Air, surface environmental, and personal protective equipment contamination by SARS-CoV-2 by a symptomatic patient', JAMA, doi:10.1001/jama.2020.3227
 4. Kamf et al (2020), 'Persistence of coronaviruses on inanimate surfaces and its inactivation with biocidal agents', J Hosp Infect, doi:10.1016/j.jhin.2020.01.022
 5. van Doremalen et al (2020), 'Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1', N Engl J Med, doi:10.1056/NEJMc2004973

Environmental cleaning
becomes critical to
break transmission



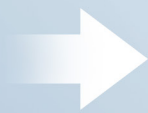
The plus of schülke mikrozid® range ready-to-use wipes

- Tested against
enveloped viruses
(EN14476)⁶



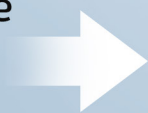
Suitable to be used in the
high-risk or high-touch
areas for COVID-19 outbreak

- High quality
non-woven
material



Tear-resistant and able to retain
enough disinfectant liquid for
efficient cleaning

- Wipes able to release
enough liquid to
contact surfaces



EN16615-tested
(stringent Phase 2, step 2 test)

mikrozid®



**VIRU
CIDAL** 30s

BAC 60s

YEAST 60s

TB 60s

+ Alcohol

mikrozid® alcohol free



**VIRU
CIDAL** 60s

BAC 60s

YEAST 60s

TB -

- Alcohol-free

Material Compatibility

Rubber
Plastics
Metals

Material Compatibility

Rubber
Plastics
Metals
Leather
Plexi-glass

mikrozid® universal



**VIRU
CIDAL** 15s

BAC 60s

YEAST 60s

TB 5 mins

+ Low Alcohol

Material Compatibility

Rubber
Plastics
Metals
Leather
Plexi-glass

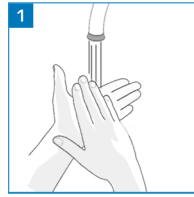
Product Features		Ready To Use Wipes		
		mikrozid®	mikrozid® universal	mikrozid® alcohol free
Composition	Active Ingredients	100g agent solution contains: - 25 g Ethanol (94 %) - 35 g Propan-1-ol	100g agent solution contains: - 12.6 g Ethanol (94%) - 17.4 g Propan-2-ol - < 5% anionic surfactants	100g agent solution contains quaternary ammonium compounds: - 0.26 g Alkyl(C12-C16) dimethylbenzyl ammonium chloride - 0.26 g Didecyldimethylammonium chloride - 0.26 g Alkyl(C12-C14) ethylbenzyl ammonium chloride
	Contains alcohol?	✓	✓	✗
Material Compatibility	Metals (e.g. Stainless steel, copper, brass)*	✓	✓	✓
	Rubbers (e.g. Natural rubber, silicone)*	✓	✓	✓
	Plastics (e.g. PE, PET, PS, PC)*	✓	✓	✓
	Plexi-glass (e.g. Acrylic)	✗	✓	✓
	Leather	✗	✓	✓
Antimicrobial Spectrum & Contact Time*	Bactericidal	1 min	Clean condition: 1 min Dirty condition: 2 mins	1 min
	Yeasticidal (e.g. <i>Candida albicans</i> , <i>Candida auris</i>)	1 min	Clean condition: 1 min Dirty condition: 2 mins	1 min
	Fungicidal (e.g. <i>Aspergillus</i> species)	2 mins	-	-
	Mycobactericidal (e.g. <i>Mycobacterium terrae</i>)	1 min	5 mins	-
	Enveloped virus (e.g. HIV, HBV, HCV, Coronavirus)	30 sec	15 sec	1 min
	Non-enveloped virus (Rotavirus)	30 sec	15 sec	1 min
	Non-enveloped virus (Adenovirus)	5 mins	15 mins	-
	Non-enveloped virus (Norovirus)	1 min	30 sec	15 mins
Surface Coverage		0.5m² (Jumbo Tub)	0.7m² (Premium Pack)	0.5m² (Jumbo Tub)

Legend: ✓ - Yes, ✗ - No;

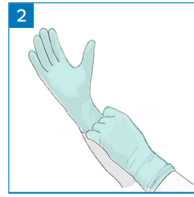
*For more information, please contact the relevant sales person or email to mail.uk@schuelke.com

How to use

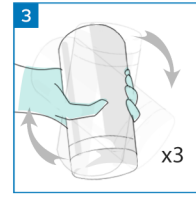
Jumbo Tub



Wash hands thoroughly.



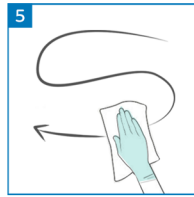
Put on gloves.



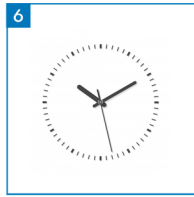
Invert the tub 3 times.



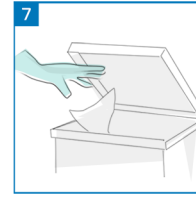
Open lid and pull out the wipes.



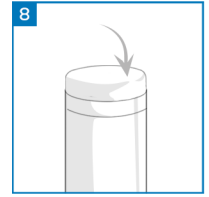
Wipe the surface with an "S" pattern.



Ensure complete wetting of the surface throughout the exposure time.

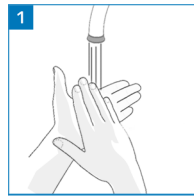


Dispose the used wipes.

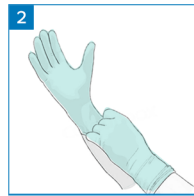


Make sure that the lid is securely closed.

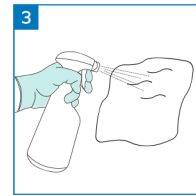
Liquid



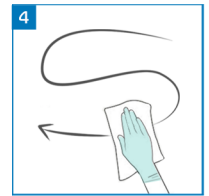
Wash hands thoroughly.



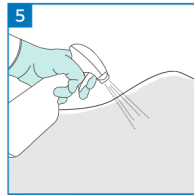
Put on gloves.



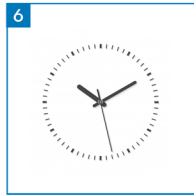
Spray liquid into wipe



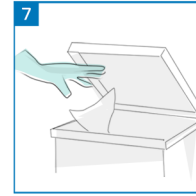
Wipe the surface with an "S" pattern.



Alternatively spray liquid directly on to uneven surfaces

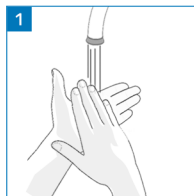


Ensure complete wetting of the surface throughout the exposure time.

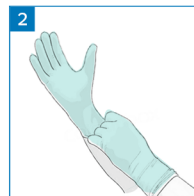


Dispose the used wipes.

Premium Pack



Wash hands thoroughly.



Put on gloves.



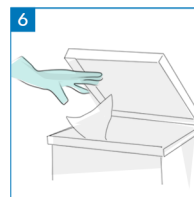
Open pack and pull out the wipes.



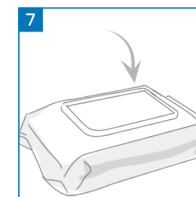
Wipe the surface with an "S" pattern.



Ensure complete wetting of the surface throughout the exposure time.



Dispose the used wipes.



Make sure that the lid is securely closed.

Product Summary



**VIRU
CIDAL** 30s

BAC 60s

YEAST 60s

TB 60s

mikrozid®

Unique alcohol formulation for virucidal protection in the cleaning and disinfection of hard surfaces

Our plus

- blend of two alcohols for a very high performance against viruses within one minute contact time
- cleaning and disinfection, two complete actions in one product
- added surfactants for boosted cleaning performance
- effective against bacteria (inc. TB), yeast and viruses (enveloped viruses inc. Coronaviruses, HBV, HIV, HCV)
- quick drying and residue free



Pack size

Article n°

200 jumbo wipes tub	109 214
200 jumbo wipes refill	7000 1450
150 wipes tub	7000 2065
150 wipes refill	109 215
1 L bottle	109210
5 L canister	109211



**VIRU
CIDAL** 60s

BAC 60s

YEAST 60s

TB -

mikrozid® alcohol free

Alcohol free, dual action cleaner and disinfectant for alcohol sensitive surfaces

Our plus

- ideal for all surfaces including including alcohol sensitive materials
- added surfactants for boosted cleaning performance
- cleaning and disinfection, two complete actions with one product
- effective against bacteria, yeast and viruses (enveloped viruses inc. Coronaviruses, HBV, HIV, HCV)
- rapid one minute contact time, making it ideal for use between patients



Pack size

Article n°

200 jumbo wipes tub	165 723
200 jumbo wipes refill	7000 1449
1 L bottle	165 720
5 L canister	165 721



**VIRU
CIDAL** 15s

BAC 60s

YEAST 60s

TB 5 mins

mikrozid® universal

Uniquely versatile, low-alcohol formulation for the rapid cleaning and disinfection of surfaces & non-invasive medical devices

Our plus

- unique low alcohol formulation - blend of two alcohols
- dual action - cleaning and disinfection with one product
- added surfactants for outstanding cleaning
- compatible with a wide range of materials including: leatherette, tablets and displays
- effective against bacteria (inc. Tb), yeast and viruses (enveloped viruses inc. Coronaviruses, HBV, HIV, HCV)
- dermatologically tested



Pack size

Article n°

100 wipes	7000 0038
1 L liquid	7000 0998



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