

SANI-99TM

better disinfecting

SANI-99™ Disinfectant: Information Pack





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ALCOHOL-FREE















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SANI-99™ is a powerful powder-based disinfectant designed to target and kill pathogens with a LOG 7 (99.99995%) efficacy.

WHAT MAKES SANI-99™ DIFFERENT TO OTHER DISINFECTANTS?

The effectiveness of SANI-99™ is not influenced by detergent residues and can be used immediately on any surface.

SANI-99™ has passed European Standard EN1276 to kill bacteria within 10 seconds and EN 14476:2013 + A2:2019 to kill Corona Virus within 30 seconds.

SANI-99^m comes in a powder form that is easily prepared by mixing it with tap water (6g = 1 litre).

It has a high residual value with a proven oxidation reduction potential of 1000mV for 90 days (WHO required standard is 655mV for only 5 minutes).

Superior storage and logistics. 1000 sachets (1000 litres) of SANI-99™ is packed in a 34cm X 34cm box.



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ALCOHOL-FREE















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The World's best disinfectant?

Alcohol Based Disinfectants



Flammable. Extremely dangerous in most cases. Mostly uncontrolled dosage and unregulated percentage content.



Efficacy radically influenced when diluted at less than 80%.



Evaporates. The higher the concentration of the alcohol content, the faster it will evaporates.



Alcohol has zero residual value. When put on any surface it will be effective for a few seconds.



Alcohol sanitisers are currently the largest contributor of plastic bottle contamination.



Alcohol based disinfectants have restrictive uses i.e. cannot be used by some religions.



Alcohol based sanitiser dries out your skin. It cannot be used by people with sensitive skin.

Vs



SANI-99[™]



Non-flammable. Water-based product. Controlled packaging of only 6g.



Highly effective at 6g = 1lt.



Does not evaporate. SANI-99™ remains very effective for long periods of time.



SANI-99™ increases in disinfecting strength the longer it is left of on a surface.



SANI-99™ prides itself with: 'ONE BOTTLE FOR LIFE'. With SANI-99™ just refill with a powder sachet.



SANI-99™ is Halal certified and approved for use within Halal facilities.



SANI-99™ has been proven to have a 'soothing' effect on the skin.



















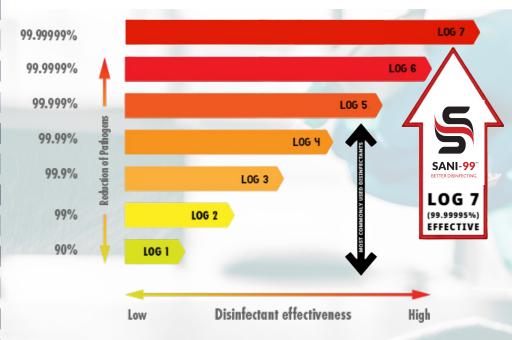
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Outstanding Log Reduction

SANI-99™ THE MOST POWERFUL DISINFECTANT IN THE WORLD?



In terms of infection control, 'Log Reductions' convey how effective a product is in reducing pathogens. The greater the log reduction the more effective the product is at killing bacteria and other pathogens that can cause infections. SANI-99™ has a log reduction of 7-log, which guarantees a pathogenic reduction of 99.99995%.

SANI-99™ is a powerful surface disinfectant that destroys viruses such as Corona, Ebola, Rabies and influenza viruses. It effectively kills virulent bacteria such as Listeria, Salmonella, staphylococcus and E. coli. SANI-99™ has passed a variety of International chemical efficacy *laboratory tests.

*See Laboratory Test Summary for more information.



















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Standards & Certifications

EUROPEAN STANDARDS

SANI-99™ has been approved by European disinfecting standards (The Department of Agriculture, Food and the Marine as the Competent Authority for Biocides in Ireland, pursuant to Regulations 9 and 10 of the European Union (Biocidal Products) Regulations 2013) and has received PCS certification (PCS Registration No: 101045) based on the ECHA protocol. SANI-99™ has been approved for PT2, PT3 and PT4 - certified to be used with food, veterinary hygiene, animals. This approval is based on the stringent ECHA standards and guidelines, which are used by all European and Scandinavian countries.

SANI-99™ has passed the following standards: EN 1276, BS EN 1040:2005, BS EN 137272012 + A2: 2015, EN 13697: 2019, BS EN 14476: 2013 +A2: 2019, SANS 51276 & SANS 53697.

*See Laboratory Test Summary & Definitions for more information.

SANI-99™ has also received the following certifications: 100% Halal by the Muslim Judicial Council Halal Trust, a certified member of Proudly South African and FDA certified for household chemical substance use in Ghana.

PCS DEFINITIONS

PT2 - Disinfectants and algaecides not intended for direct

- Used for the disinfection of surfaces, materials, equipment and furniturewhich
 are not used for direct contact with food or feeding stuffs. Usage areas include,
 inter alia, swimming pools, aquariums, bathing and other waters; air
 conditioning systems; and walls and floors in private, public, and industrial
 areas and in other areas for professional activities.
- Used for disinfection of air, water not used for human or animal consumption, chemical toilets, waste water, hospital waste and soil. Used as algaecides for treatment of swimming pools, aquariums and other waters and for remedial treatment of construction materials.
- Used to be incorporated in textiles, tissues, masks, paints and other articles or materials with the purpose of producing treated articles with disinfecting properties

PT3 - Veterinary hygiene;

- Used for veterinary hygiene purposes such as disinfectants, disinfecting soaps, oral or corporal hygiene products or with anti-microbial function.
- \bullet Used to disinfect the materials and surfaces associated with the housing or transportation of animals.

PT4 - Food and feed area;

- Used for the disinfection of equipment, containers, consumption utensils, surfaces or pipework associated with the production, transport, storage or consumption of food or feed (including drinking water) for humans and animals.
- Used to impregnate materials which may enter into contact with food.











GENTLE ON HANDS









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Laboratory Test Summary

SANI-99™ has passed the following standards under stringent laboratory testing:

• EN 1276

• BS EN 1040: 2005

BS EN 137272012 + A2: 2015

• EN 13697: 2019

• SANS 51276

SANS 53697

BS EN 14476: 2013 +A2: 2019

*See Definitions for more information.

SANI-99[™] has an ongoing effect as it doesn't evaporate, meaning that it remains on surfaces / hands for longer, protecting the user for longer periods of time. Based on the EN lab protocol of all European standard EN tests, it is confirmed that SANI-99[™] kills pathogenic bacteria in 10 seconds (or 5 minutes for stubborn contaminants).

This powerful surface disinfectant destroys viruses such as Corona, Ebola, Rabies and influenza viruses. It effectively kills virulent bacteria such as Listeria, Salmonella, staphylococcus and E. coli.

*Certificates, ORP (Oxidation Reduction Potential) Summary, Laboratory Test Reports, MSDS (Safety Data Sheet) Report are available upon request.

NO.	LABORATORY	STANDARD PROTOCOL	PATHOGENS	LOG REDUCTION	STAND PASS F
1	SMT Laboratories (RSA) Test ref no.: COO2058	EN 1276 Bactericidal Activity	Staphylococcus aureus ATCC 6538	5.07 Log (Clean) (99.9991%) 5.14 Log (Dirty) (99.9993%)	>5 Log
	C002036	Contact time: 5min	Pseudomonas	5.77 Log (Clean) (99.9998%) 5.90 Log (Dirty) (99.9999%)	>5 Log
			aeruginosa ATCC 15442 Enterococcus hirae	5.2 Log (Clean) (99.9994%) 5.2 Log (Clean) (99.9994%) 5.27 Log (Dirty) (99.9996%)	>5 Log
	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, demestic and institutional areas.		ATCC 10541 Escherichia coli ATCC	5.27 Log (Dirty) (99.9995%) 5.1 Log (Clean) (99.9992%)	>5 Log
				5.24 Log (Dirty) (99.9994%)	>5100
			Escherichia coli 0157 ATCC 43888	5.06 Log (Clean) (99.9991%) 5.23 Log (Dirty) (99.9994%)	
			Salmonella typhimurium ATCC 14028	5.12 Log (Clean) (99.9992%) 5.26 Log (Dirty) (99.9995%)	>5 Log
			Listeria monocytogenes	5.18 Log (Clean) (99.9993%) 5.23 Log (Dirty) (99.9994%)	>5 Log
2	SMT Laboratories (RSA)	EN 1276 Bactoricidal Activity Contact time: 10 seconds 30 seconds 60 seconds EN 1276 Bactoricidal Activity Contact time: Smin	Escherichia coli ATCC 10536	5.04 Log (Clean) (99,9991%) 5.15 Log (Dirty) (99,9993%)	>5 Log
	Test ref no.: COO2001		Staphylococcus aureus	5.05 Log (Clean) (99.9991%) 5.12 Log (Dirty) (99.9992%)	>5 Log
	SMT Laboratories (RSA) Test ref no.: COO2006		ATCC 6538 Enterococcus hirae	5.10 Log (Clean) (99.9992%)	>5 Log
			ATCC 10541 Pseudomonas	5.22 Log (Dirty) (99.9994%) 5.05 Log (Clean) (99.9991%)	>5 Log
3			aeruginosa ATCC 15442 Escherichia coli ATCC	5.25 Log (Dirty) (99.9994%) 7.02 Log (Clean) (99.99999%) 7.08 Log (Dirty) (99.999992%)	>5 Log
,				7.08 Log (Dirty) (99.999992%)	>5 Log
			Staphylococcus aureus ATCC 6538	7.08 Log (Clean) (99.999992%) 7.13 Log (Dirty) (99.999993%)	
			Enterococcus hirae ATCC 10541	7.08 Log (Clean) (99.999992%) 7.11 Log (Dirty) (99.999992%)	>5 Log
			ATCC 10541 Pseudomonas aeruginosa ATCC 15442	7.00 Log (Clean) (99.99999%) 7.08 Log (Dirty) (99.999992%)	>5 Log
4	TÜV SÜD (PSB	BS EN 1040:2005		1	
	Singapore) Test ref no.: 7191238261-CHM20- 01-RC	Antibacterial Activity Evaluation Contact time: 5min	Pseudomonas aeruginosa ATCC 15442	6.34 Log (Clean) (99.99995%)	>5 L
	Quantitative suspension to of basic bactericidal activi disinfectants and antisepti be used in food, industrial institutional, medical and	ty of chemical cs that are planned to , domestic and	Staphylococcus aureus ATCC 6538	6.36 Log (Clean) (99.99996%)	>5 Li
5	BioScience Technologies (RSA) Test ref no.: B220091	BS EN 13727:2022 + A2:2015 Contact time: 5min	Enterococcus hirae ATCC 10541	5.2 Log (Clean & Dirty) (99.9994%)	>5 Li
	Quantitative suspension test for the evaluation of bactericidal activity of disinfectants intended for use in the medical area.		Pseudomonas aeruginosa ATCC 27853	5.2 Log (Clean & Dirty) (99.9994%)	>5 L
			Staphylococcus aureus ATCC 6538P	5.2 Log (Clean & Dirty) (99.9994%)	>5 L
6	SMT Laboratories (RSA) EN 13697:2019 Test ref no.: Bactericidal/fungicidal Activity	Escherichia coli ATCC 10536	7.79 Log (Clean) (99.999998%)	>4 Li	
		Staphylococcus aureus ATCC 6538	7.46 Log (Clean) (99.999997%)	>4 L	
		Contact time: 15min	Enterococcus hirae ATCC 10541	7.42 Log (Clean) (99.999996%)	>4 L
			Degudomonge	9.26 Log (Clean)	>4 L
	Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of disinfectants used in food, industrial, domestic, and institutional erails.		aeruginosa ATCC 15442 Candida albicans ATCC	(99.99999995%) 7.51 Log (Clean)	>3 L
			10231 Aspergillus brasiliensis	7.51 Log (Clean) (99.999997%) 8.00 Log (Clean)	>3 L
			ATCC 16404	8.00 Log (Clean) (99.999999%)	>4 Li
			Escherichia coli 0157 ATCC 43888	7.47 Log (Clean) (99.999997%)	
			Salmonella typhimurium ATCC 14028	7.39 Log (Clean) (99.999996%)	>4 Li
			Listeria monocytogenes ATCC 7644	7.48 Log (Clean) (99.999997%)	>4 Li
7	BluTest Laboratories BS EN 14476:2013		Vaccinia virus VR-1549	4.33 Log (99.995%)	>4 Lo
	Ltd. (Scotland Glasgow) Test ref. no.: BT-SSS-01 + A2:2019 Virucidal Activity Contact time: 30 seconds 5 minutes	Virucidal Activity	Elstree strain (P08) Poxviridae	(%368.58)	1
		. 30 seconds	Herpesviridae Filoviridae (e.g. Ebola)	-	
		- 5 minutes - 15 minutes	Flavivirus Hepatitis C Virus (HCV)		
		10 11111111111		1	
			Influenza Virus Paramyxoviridae Rubella Virus	1	
	Chemical disinfectants and	1	Rubella Virus Measles Virus Rabies Virus	-	
	the evaluation of virucidal activity in the medical area. Test method and requirements (Phase 2/Step 1)		Rabies Virus Coronavirus (SARS)		
			Human	†	
			Immunodeficiency Virus Human T Cell Leukemia Virus Henatitis B Virus	-	
8	SMT Laboratories (RSA)	FOGGIN No protocol	Hepatitis B Virus IG: Field test at Primary Sc CFU measured at	hool CFU Measured after thermal	No detec
0	Test ref no.: SMT20/022230-1	available. Before and after swab test. Contact time after thermal fogging:	Teacher's desk: 55 cfu/area Learner's desk:	fogging: Teacher's desk: non-detected Learner's desk: non-detected	of any Coliform units.
	thermal fogging: 30min		75cfu/area LEGIONELLA	Country 5 desk. Horr-detected	
9	Stansted Laboratories Ltd. (UK, Essex) Test ref no.: 105207.1	SLM/B380/M- Legionella SSP	Legionalla Sero Group 7 Before: 22500 cfu/500ml	After: NIL Non <u>cfu</u> detected after treatment	NIL
10	SMT Laboratories (RSA)	Coliforms count	FARM: Borehole water Coliform count: >150	After: NIL	NIL
-	Test ref. no.: SMT21/047708	before and after treatment	E.coli count: >150 Faecal Coliform count: >150	None Detected after treatment	



















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Environmentally Responsible

HOW DOES SANI-99™ REDUCE ITS PLASTIC WASTE?

In recognition of the climate crisis and our responsibility to do all we can to reduce the amount of plastic waste harming our environment, SANI-99™ has been purposefully designed to reduce, and wherever possible, to stop plastic bottle contamination.

With our "One bottle for life" principle, you will only ever need a SANI-99™ sachet and water to fill your bottle to have a powerful and environmentally friendly disinfectant.

HOW DOES SANI-99™ REDUCE ITS CARBON FOOTPRINT?

We do not only believe in eradicating pathogens but also reducing our carbon footprint. By using a SANI-99™ sachet as an alternative to pre-mixed disinfectants this means that less trucks are required for transportation.



PRE-MIXED DISINFECTANTS

TRANSPORTATION
REQUIREMENTS FOR 2 MILLION
LITRES OF STANDARD DISINFFCTANT





SANI-99™

TRANSPORTATION
REQUIREMENTS FOR 2 MILLION
LITRES OF SANI-99 M DISINFFCTANT

















ALCOHOL-FREE KILLS 99.999

KILLS 99.99995% OF PATHOGENS

SAFE ON FOOD SURFACES



SANI-99[™]

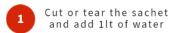
better disinfecting



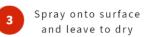
Instructions for Use

HOW DO YOU PREPARE SANI-99™ DISINFECTANT?

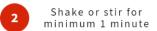
Mix 1 6g SANI-99™ disinfectant powder sachet with 1 litre of water as per instructions below. When solution is ready turn nozzle to 'ON' using your 'One Bottle for Life'. Keeping bottle upright spray from 20cm away. The longer you leave the solution the stronger it gets, there is no need to wipe away. *For other dosages please refer to packaging.



















SAFETY GUIDELINES

Being alcohol-free, SANI-99™ is non-flammable, gentle on hands and suitable for all skin types. It is also food safe, non-poisonous if ingested, and suitable for surfaces as well as on hands.

Human error accounts for approximately 85% of low disinfecting efficacy results. When applying a disinfectant, the user must carefully follow instructions to ensure optimum results.

















ALCOHOL-FREE KILLS 99,999

OF PATHOGENS

SAFE ON FOOD SURFACES

TLE ON CHLORINE-FREE

100% HALAL



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The SANI-99™ Product Range

Please take your time to browse our range of SANI-99™ products. Our catalogue is constantly being updated so please keep an eye on this page and our social media platforms to be sure you stay in the loop with new products and promotions.

INDIVIDUAL POWDER SACHET/ SACHET MULTIPACK
& BOTTLE FOR LIFE



Disinfectant Spray Range: SANI-99™ sachets (available as 1 individual sachet / 5 pack / 10 pack / 25 pack & 50 pack).

SANI-99™ Starter Pack (includes 1 Bottle for Life & 3 sachets).

















ATHLE 29.99925%

ALCOHOL-FREE KILLS 99.99

KILLS 99.99995% OF PATHOGENS

SAFE ON FOOD SURFACES



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The SANI-99™ Product Range

INDIVIDUAL WIPES / PACKET OF WIPES & TUB OF WIPES



Disinfectant Wipe Range: SANI-99™ anti-bacterial wipe (available as multi-pack of individually packaged wipes: 5 pack / 10 pack / 25 pack & 50 pack).

SANI-99[™] anti-bacterial wipes - packet of 15 wipes (available as 1 individual pack / 5 pack / 10 pack / 25 pack & 50 pack).

SANI-99[™] anti-bacterial wipes - tub of 200 wipes (available as 1 individual tub / 5 tubs / 10 tubs / 25 tubs & 50 tubs).





















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SANI-99TM: FAQ

Q1. What makes SANI-99 a preferred hand and surface disinfectant?

With SANI-99 you can never run out of disinfectant. As long as you have a SANI-99 sachet with you, and have access to water and a spray bottle, you will have a powerful and an effective disinfectant. One SANI-99 sachet weighs only 6g. This means that you can carry sachets in your handbag, pocket or car without taking up any space. Our company is against plastic contamination and promotes this with our "ONE BOTTLE FOR LIFE" policy. SANI-99 is more effective and much safer to use than alcohol-based disinfectants.

Q2. How effective is SANI-99 as a disinfectant and has it been tested in an accredited laboratory?

It has passed many of the stringent European Standards tests across the globe, including the EN 1276, EN 13697, BS EN 1040-2005 and the EN 14476 corona virus test. SANI-99 is always tested in SANAS and European Standard ILAC- MRA accredited

Q3. Has it been tested for use as a hand sanitiser?

Yes. An additional EN 1276 test was performed, and it has been proven to kill 99.999% of all pathogenic bacteria within 10 - 30 seconds.

Q4. Is there a difference between a sanitiser and SANI-99?

Yes. A sanitiser reduces the number of germs on a surface by at least 99.9%, whereas SANI-99 kills pathogens and viruses at 99.9995%. SANI-99 also kills a much wider range of microorganisms such as bacteria, enveloped viruses and certain fungi. The main difference is the efficacy strength of the 2 products

Q5. How long is SANI-99 effective after being sprayed on a surface?

As long it takes for the next contamination to take place.

Q6. What is the main difference between alcohol-based disinfectants and SANI-99?

Alcohol based products are effective for a very short period of time. There is no guarantee that alcohol in its diluted form, will have the efficacy as claimed on the bottle. Apart from the strong odour and being flammable, it also damages sensitive skin. SANI-99 remains active for a long period and is not flammable and has been proven to have a 'soothing' effect on the skin.

Q7. Why do governing bodies recommend buying alcohol-based disinfectants and not SANI-99?

SANI-99 is a new product that has only recently been bought to market as an alternative solution to alcohol-based disinfectants. Alcohol-based disinfectants have been widely used for decades and SANI-99 is now doing its best in promoting its new revolutionary technology. The more we can promote SANI-99 as the best choice in surface and hand disinfectant the safer we will all be!

Q8. Will SANI-99 bleach fabrics?

Certain fabrics are more prone to bleaching than others. We know that viscose is highly susceptible to bleaching whereas polyester is not. Always keep in mind that a disinfectant is designed for surfaces and not to disinfect fabrics.

















ALCOHOL-FREE

OF PATHOGENS

E ON FOOD URFACES



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SANI-99™: Definitions

Q1. What are 'Log Reductions'?

In terms of infection control, 'Log Reductions' convey how effective a product is at reducing pathogens. The greater the log reduction the more effective the product is at killing bacteria and other pathogens that can cause infections.

Q2. What is the EN 1276 Standard?

The EN 1276 standard specifies a suspension test for establishing whether a chemical disinfectant or antiseptic has bactericidal activity. Bactericidal or antimicrobial products are products manufactured to control and fight against certain populations of pathogenic microorganisms. The EN 1276 standard applies to products that are used in food, industrial, domestic and institutional areas excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues except for hand hygiene (such as hydroalcoholic gels) in the food, industrial, domestic and institutional areas.

Q3. What is the EN 13697: 2019

Standard?

This European Standard specifies a test method (phase 2/step 2) and the minimum requirements for bactericidal and/or fungicidal or yeasticidal activity of chemical disinfectants that form a homogeneous physically stable preparation in hard water or - in the case of ready-to-use products - with water in food, industrial, domestic and institutional areas, excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues.

Q4. What is the BS EN 1040: 2005 Standard?

This European Standard specifies a test method and the minimum requirements for basic bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with water. Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms and water. This European Standard applies to active substances (antibacterial biocides) and to formulations under development that are planned to be used in food, industrial, domestic and institutional, medical and veterinary areas.

Q5. What is the BS EN 13727: 2012 + A2: 2015 Standard?

This European Standard applies to products that are used in the medical area in the fields of hygienic handrub, hygienic handwash, surgical handrub, surgical handwash, instrument disinfection by immersion, and surface disinfection by wiping, spraying, flooding or other means. This European Standard applies to areas and situations where disinfection or antisepsis is medically indicated. Such indications occur in patient care, for example: - in hospitals, in community medical facilities and in dental institutions; - in clinics of schools, of kindergartens and of nursing homes; and may occur in the workplace and in the home. It may also include services such as laundries and kitchens supplying products directly for the patients.

Q6. What is the BS EN 14476: 2013 +

A2: 2019 Standard?

This European Standard specifies a test method and the minimum requirements for virucidal activity of chemical disinfectant and antiseptic products that form a homogeneous physically stable preparation when diluted with hard water or in the case of ready-to-use products, i. e, products that are not diluted when applied, with water. Products can only be tested at a concentration of 80 % (97 %, with a modified method for special cases) as some dilution is always produced by adding the test organisms and interfering substance.

Q7. What is the SANS 51276 Standard?

The SANS 51276 certification is a standard for cleaning products that are antibacterial. It is the South African equivalent of an international standard used in the hospitality industry and food preparation environments that standardises the effectiveness of chemical disinfectants. To qualify for this standard, a disinfectant must effectively kill 99.999% of bacteria, within 5 minutes of use.

Q8. What is the SANS 53697 Standard?

Chemical disinfectants and antiseptics -quantitative non-porous surface test for the evaluation of bactericidal and/ or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - test method and requirements without mechanical action (phase2/ step 2).















