HOW TO USE

CHECK to ensure your are using GERMISEP® and it has not expired

GERMISEP®

CHOOSE the application

HOUSEHOLD → 2.5g + 10 litre

NON - HOUSEHOLD → Refer QR code for recommendation

CONFIRM the dilution

SPRAY

SOAK

WIPE

MOP

RINSE

WATER SANITATION & TREATMENT

TRANSFER to your preferred applicator or use directly

tablet + water

DISSOLVE the GERMISEP® tablet(s) in water according to the recommended volume

GERMISEP®

DISINFECTANT
Effective against BACTERIA, VIRUSES, FUNGI and PROTOZOA
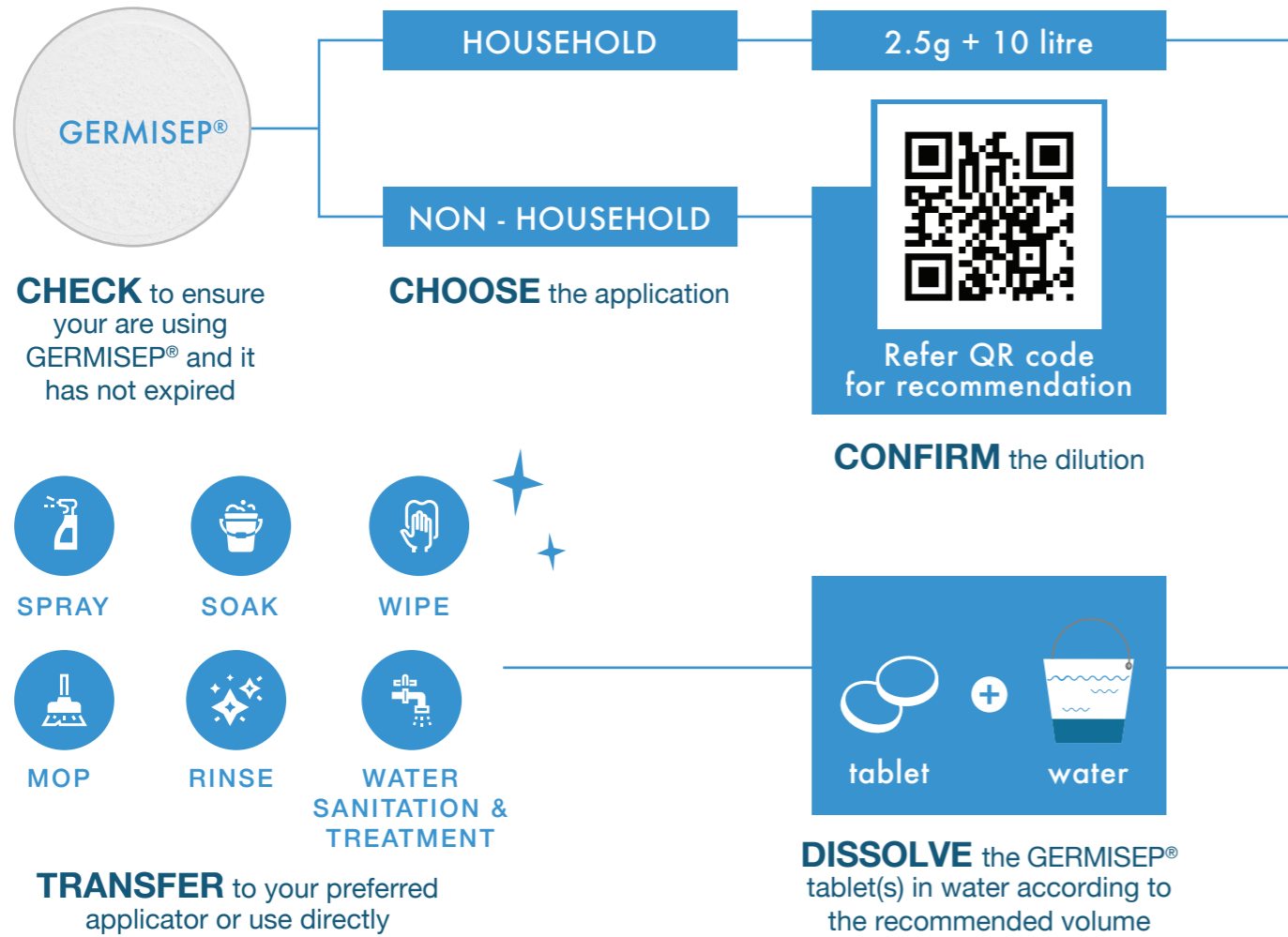2.5g
chlorine-based disinfectant
100 Disinfectant tablets
GERMISEP®
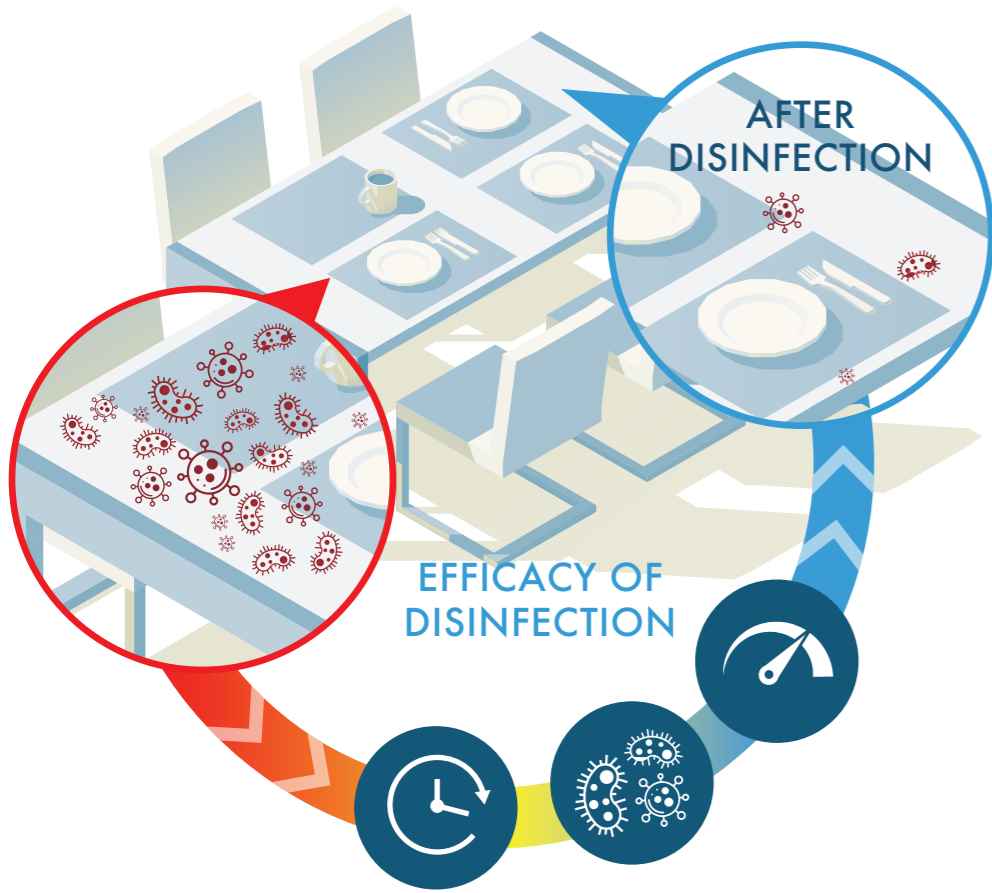
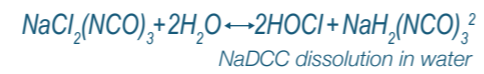GERMISEP®
available in

0.5g   1.25g   2.5g

**Harsh on GERMS,
Gentle on HANDS**

References:
1. Rutala, W. A., Weber, D. J., & H. (2008). Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008. Retrieved November 28, 2018, from https://www.cdc.gov/infectioncontrol/pdf/guidelines/disinfection-guidelines.pdf 2. Disinfectants and Sterilization Methods (2008). Environmental Health and Safety, University of Colorado Boulder. Retrieved from https://ehs.colorado.edu/resources/disinfectants-and-sterilization-methods/ 3. Guideline for Disinfection an Sterilization in Healthcare Facilities (2016). Centers for Disease Control and Prevention. Retrieved from https://www.cdc.gov/infectioncontrol/guidelines/disinfection/disinfection-methods/chemical.html 4. Chemical sanitizers to control biofilms formed by two Pseudomonas species on stainless steel surface. Retrieved from http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0101-20612012000100021 5. Antimicrobial effect of slow release chlorine dioxide disinfectant, in comparison with sodium dichloroisocyanurate. Retrieved from http://wiredspace.wits.ac.za/handle/10539/9036 6. Sodium Dichloroisocyanurate in Drinking-water Background document for development of WHO Guidelines for Drinking-Water Quality. http://www.bvsde.paho.org/CD-GDWQ/Biblioteca/Support%20docs%20GDWQ/second_addendum_sodium_dichloroisocyanurate.pdf 7. Sodium dichloroisocyanurate (NaDCC) tablets as an alternative to sodium hypochlorite for the routine treatment of drinking water at the household level. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/16387550

AFTER DISINFECTION

EFFICACY OF DISINFECTION

Disinfection is a process that eliminates many or all pathogenic microorganisms[1] thereby lowering the risks of infectious disease by limiting the presence of the pathogenic microorganism on surfaces.

Contains Sodium Dichloroisocyanurate (NaDCC)

Dissolves rapidly in water to release chlorine in the form of hypochlorous acid HOCl, which is the active disinfecting agent

$$NaCl_2(NCO)_3 + 2H_2O \longleftrightarrow 2HOCl + NaH_2(NCO)_3\ ^2$$
NaDCC dissolution in water

NaDCC only releases 50% of its chlorine and the balance remain in the system as chlorine reservoir[2] allowing it to retain chlorine longer, resulting a prolonged disinfection effect

GERMISEP® offers greater advantages in terms of efficacy, safety and handling among the chlorine based disinfectant thus, are used widely in the healthcare setting

Broad spectrum antimicrobial activity

Effect of some chemical disinfectants on microorganisms

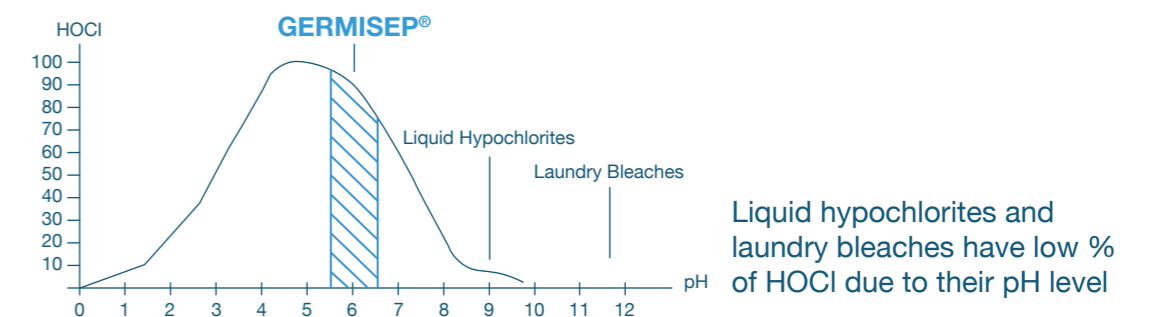|	Virus	Bacteria gram -	Bacteria gram +	Myco-bacterium	Spores of Clostridium Bacillus	Yeasts	Molds
Aldehydes	Effective	Highly effective	Highly effective	Highly effective	Effective	Highly effective	Effective
Chlorine, Iodine	Highly effective	Highly effective	Highly effective	Highly effective	Highly effective	Highly effective	Highly effective
Peroxygen*	Effective	Highly effective	Highly effective	Effective	Not effective	Effective	Effective
Quats	Not effective	Effective	Highly effective	Not effective	Not effective	Highly effective	Highly effective
Alcohols	Highly effective	Highly effective	Highly effective	Highly effective	Not effective	Highly effective	Highly effective
Phenold	Effective	Highly effective	Highly effective	Effective	Not effective	Highly effective	Effective

■ Highly effective   ■ Effective (with possible restriction)   ■ Not effective

* Per acetic acid compound   United Nations Food & Agricultural Organization (FAO) 2008

		Germisep®	Bleach	Alcohol
1	Effective aga013 Biofilm[5]	Yes	No	No
2	pH level suitable for human skin[7]	Yes	No	No
3	Free of Personal Proctective Equipments[6]	Yes	No	No
4	Accurate dosing for different level of disinfections[6]	Yes	No	No
5	Low toxicity to the environment[7]	Yes	No	No
6	Low cost per litre use[8]	Yes	No	No
7	Mild odour during disinfecting[8]	Yes	No	No
8	Easy to bring along when traveling	Yes	No	No
9	Can be used as water treatment solution[8]	Yes	No	No
10	Safe for pets[7]	Yes	No	No

Instant optimal level of hypochlorous acid

HOCl

GERMISEP®

Liquid Hypochlorites

Laundry Bleaches

pH

Liquid hypochlorites and laundry bleaches have low % of HOCl due to their pH level

| WHAT IS DISINFECTION | RECOMMENDATION | GERMISEP® IS? | WHY GERMISEP®? |

CENTERS FOR DISEASE CONTROL AND PREVENTION

Chlorine compounds are good for disinfecting clean surfaces[3] and the Centers for Disease Control (CDC) recommends hypochlorite solution for site decontamination of spills of blood or other potentially infectious materials[4]

Safe, easy and accurate

TABLET + WATER