



Evans Vanodine International plc
GLOBAL HYGIENE SOLUTIONS

CHLOR TABS



MICROBIOLOGICAL PROFILE

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INTRODUCTION

CHLOR TABS are a quick dissolving tablet and are suitable for a wide range of applications in kitchens, food preparation areas and medical establishments.

CHLOR TABS have been tested using EN standards against a number of disease-causing micro-organisms. Tests have been carried out by expert laboratories in the UK and other European countries.

The current advice from GOV.UK states products containing chlorine can be used as a disinfectant, at a minimum 1000ppm available chlorine, to control the spread of Coronavirus.

CHLOR TABS are therefore considered to be effective against Coronavirus (COVID-19). They should be used as part of a cleaning and disinfection programme and will be most effective where a neutral detergent is used to clean, followed by CHLOR TABS to disinfect surfaces.

**PLEASE REFER TO PRODUCT LABEL FOR HOW TO USE AND
FOR ALL RECOMMENDED USE DILUTION RATES**

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Activity against bacteria using EN 1276 with a 5 minute contact time at 20°C under *clean conditions

BACTERIA	DISEASE	EFFECTIVE DILUTION
		CLEAN
<i>Enterococcus hirae</i>	Urinary tract infections	1 tablet per 6 litres ≡ 167ppm
<i>Escherichia coli</i>	Food poisoning	
<i>Pseudomonas aeruginosa</i>	Opportunistic pathogen, wound, burn infections	
<i>Staphylococcus aureus</i>	Skin, bone and wound infections	

Activity against bacteria using EN 1276 with a 1 minute contact time at 25°C under *clean conditions

BACTERIA	DISEASE	EFFECTIVE DILUTION
		CLEAN
<i>Enterococcus hirae</i>	Urinary tract infections	1 tablet per 10 litres ≡ 100ppm
<i>Escherichia coli</i>	Food poisoning	
<i>Pseudomonas aeruginosa</i>	Opportunistic pathogen, wound, burn infections	
<i>Staphylococcus aureus</i>	Skin, bone and wound infections	

* conditions representative of surfaces that have been cleaned satisfactorily and/or are known to contain minimal levels of organic and/or inorganic substances. Reference EN 14885.

KEY ≡ equivalent ppm = parts per million chlorine

TEST METHOD REFERENCE

EN 1276

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas

Designed to test bactericidal products specifically for use in the Food and Catering Industry.

Test Parameters: 5 minute contact time, 20°C, hard water, clean conditions.
1 minute contact time, 25°C, hard water, clean conditions.

Bactericidal Criteria: ≥5 log reduction ≡ 99.999% reduction.

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Activity against bacteria using EN 13697 with a 5 minute contact time at 20°C under *dirty conditions

BACTERIA	DISEASE	EFFECTIVE DILUTION
		DIRTY
<i>Enterococcus hirae</i>	Urinary tract infections	1 tablet per litre ≡ 1000ppm
<i>Escherichia coli</i>	Food poisoning	
<i>Pseudomonas aeruginosa</i>	Opportunistic pathogen, wound, burn infections	
<i>Staphylococcus aureus</i>	Skin, bone and wound infections	

* conditions representative of surfaces that which are known to or may contain organic and/or inorganic substances. Reference EN 14885.

TEST METHOD REFERENCE

EN13697

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. Without mechanical action.

Test Parameters: 5 minute contact time, 20°C, hard water, dirty conditions.
Bactericidal Criteria: ≥4 log reduction ≡ 99.99% reduction.

Activity against bacteria using EN 13727 with a 5 minute contact time 20°C under *clean conditions

BACTERIA	DISEASE	EFFECTIVE DILUTION
		CLEAN
<i>Enterococcus hirae</i>	Urinary tract infections	1 tablet per 5 litres ≡ 200ppm
<i>Pseudomonas aeruginosa</i>	Opportunistic pathogen, wound, burn infections	
<i>Staphylococcus aureus</i>	Skin, bone and wound infections	

*conditions representative of surfaces that have been cleaned satisfactorily and/or are known to contain minimal levels of organic and/or inorganic substances. Reference EN 14885.

TEST METHOD REFERENCE

EN13727

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the medical area

Test Parameters: 5 minute contact time, 20°C, hard water, clean conditions.
Bactericidal Criteria: ≥5 log reduction ≡ 99.999% reduction.

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Activity against spores using EN 13704 with a 5 minute contact time 20°C under *clean conditions

BACTERIAL SPORES	DISEASE	EFFECTIVE DILUTION
		CLEAN
<i>Bacillus subtilis</i>	Opportunistic pathogen	3 tablets per litre
<i>Clostridium difficile</i>	Diarrhoea, abdominal cramps	≡ 3000ppm

*conditions representative of surfaces that have been cleaned satisfactorily and/or are known to contain minimal levels of organic and/or inorganic substances. Reference EN 14885.

TEST METHOD REFERENCE

EN13704

Chemical disinfectants – Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas.

Test Parameters: 5 minute contact time, 20°C, hard water, clean conditions.
Sporicidal Criteria: ≥4 log reduction ≡ 99.99% reduction.

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Activity against fungi using EN 1650 with a 15 minute contact time 20°C under clean and dirty conditions

FUNGI	DISEASE	EFFECTIVE DILUTION	
		CLEAN	DIRTY
<i>Candida albicans</i>	Oral and genital infections, candidiasis	1 tablet per 8 litres ≡ 125ppm	1 tablet per litre ≡ 1000ppm
<i>Aspergillus brasiliensis</i>	Food contamination	1 tablet per litre ≡ 1000ppm	3 tablets per litre ≡ 3000ppm

TEST METHOD REFERENCE

EN1650

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas.

Test parameters: 15 minute contact time, 20°C, hard water, clean and dirty conditions.
Fungicidal criteria: ≥4 log reduction ≡ 99.99% reduction.

Activity against fungi using EN 13624 with a 15 minute contact time 20°C under *clean conditions

FUNGI	DISEASE	EFFECTIVE DILUTION
		CLEAN
<i>Candida albicans</i>	Oral and genital infections, candidiasis	1 tablet per 5 litres ≡ 200ppm
<i>Aspergillus brasiliensis</i>	Food contamination	2 tablets per litre ≡ 2000ppm

*conditions representative of surfaces that have been cleaned satisfactorily and/or are known to contain minimal levels of organic and/or inorganic substances. Reference EN 14885.

TEST METHOD REFERENCE

EN13624

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the medical area.

Test parameters: 15 minute contact time, 20°C, hard water, clean conditions.
Fungicidal criteria: ≥4 log reduction ≡ 99.99% reduction.

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Activity against viruses using EN 14476 with a 15 minute contact time 20°C under *clean conditions

VIRUS	DISEASE	EFFECTIVE DILUTION
		CLEAN
Adenovirus	Respiratory infections	1 tablet per 10 litres ≡ 100ppm
Poliovirus	Polio	

*conditions representative of surfaces that have been cleaned satisfactorily and/or are known to contain minimal levels of organic and/or inorganic substances. Reference EN 14885.

TEST METHOD REFERENCE

EN14476

Chemical disinfectants and antiseptics – Virucidal quantitative suspension test for chemical disinfectants and antiseptics used in the medical area.

Designed to test the virucidal activity of products specifically for use in the medical area (instruments, surfaces and hands). It was carried out under “clean” (representative of surfaces which have received a satisfactory cleaning programme and/or are known to contain minimal levels of organic and/or inorganic materials) conditions.

Test parameters: 15 minute contact time, 20°C, clean conditions.

Virucidal criteria: ≥4 log reduction ≡ 99.99% reduction.

As the current advice from GOV.UK states products can be used as disinfectants for the control of Coronavirus, at a minimum 1000ppm available chlorine, then **CHLOR TABS** are considered effective against Coronavirus (COVID-19).