

ChloroSan 2.5g

Chlorine Disinfectant Tablets



TECHNICAL DATA SHEET

Description

ChloroSan is a powerful chlorine based disinfectant tablet, available in four different tablet sizes (0.5g, 1.7g, 1.8g and 2.5g). ChloroSan uses the well established disinfecting properties of chlorine to provide broad spectrum efficacy against bacteria, viruses, fungi and spores with an easy to use dilution bottle.

The ChloroSan cleaning system offers excellent disinfection performance, and is suitable for use on general hard surfaces within a clinical environment or other application requiring assurance of effective disinfection.

ChloroSan is recommended for disinfection in a general clinical environment.

Active Ingredient

Each ChloroSan tablet contains Sodium Dichloroisocyanurate (NaDCC, troclosene sodium) in an effervescent base.

Safety Data Sheet

For information on safe handling and transport, a safety data sheet containing additional data for ChloroSan is available upon request.

Instructions for Use

Use Dilution Table to calculate number of tablets required for application. Dissolve tablets in warm water (Max 30°C). Apply to surface ensuring area is fully wetted. Leave on surface for stated contact time.

Safe Handling and Storage

Store in original container. Keep tightly closed in a cool dry place. Use biocides safely. Always read the label and product information before use.

Characteristics

Active Ingredient	Sodium Dichloroisocyanurate (NaDCC)
Usage Scenario	PT2 Disinfectants and Algacides PT3 Veterinary Hygiene PT4 Food and Feed Area PT11 Preservatives for liquid-cooling and processing systems
CAS Number	2893-78-9
Colour	White
Odour	Chlorine
Solubility in Water	Soluble
pH of Solution	5.0 - 6.0

Features and Benefits

- Broad spectrum efficacy suitable for a wide variety of applications, including blood spills and sporicidal disinfection
- Easy to use tablet format
- Single-step disinfection with ChloroSan

Regulatory Compliance

ChloroSan is intended for use in accordance with the terms of the EU Biocidal Product Regulation (BPR, Regulation (EU) 528/2012). Approved for sale in the UK. The product is labelled in accordance with the Classification, Labelling and Packaging (CLP) Regulation ((EC) No 1272/2008).

DILUTION TABLE

Target	Surface	Tablets								Concentration in ppm	Contact Time	Ct in mg-min/L
		0.5g	Litres	1.7g	Litres	1.8g	Litres	2.5g	Litres			
Bactericidal	Clean	1	2.5	1	10	1	10	1	5	100	1 min	5000
	Dirty	1	0.25	1	1	1	1	1	0.5	1000	5 min	100
Yeasticidal	Clean	1	2.5	1	10	1	10	1	5	100	1 min	5000
	Dirty	1	0.25	1	1	1	1	1	0.5	1000	5 min	5000
Fungicidal	Clean	1	0.25	1	1	1	1	1	0.5	1000	15 min	15000
	Dirty	2	0.5	5	2	5	2	3	0.5	2500	15 min	37500
Virucidal	Dirty	1	0.5	1	2	1	2	1	1	500	5 min	2500
Sporicidal	Clean	2	0.5	5	2	5	2	3	1	2500	10 min	25000

BIOCIDAL EFFICACY

Test Method	Target	Test Organisms	Ct (mg-min/L)	Test Condition	Log Reduction Required*	Result (log deduction)	Test Reference
EN13727	Bacteria	<i>P. aeruginosa</i>	100	Clean	>5	>5	SC017-150-2006/1
		<i>S. aureus</i>	100	Clean	>5	>5	
		<i>E. hirae</i>	100	Clean	>5	>5	
		<i>P. aeruginosa</i>	5000	Dirty	>5	>5	
		<i>S. aureus</i>	2500	Dirty	>5	>5	
		<i>E. hirae</i>	2500	Dirty	>5	>5	
EN13624	Yeast	<i>C. albicans</i>	100	Clean	>4	>4	
		<i>C. albicans</i>	5000	Dirty	>4	>4	
	Fungi	<i>A. brasiliensis</i>	15000	Clean	>4	>4	
		<i>A. brasiliensis</i>	37500	Dirty	>4	>4	
EN13697	Bacteria	<i>S. aureus</i>	2000	Clean	>4	>4	
		<i>E. coli</i>	500	Clean	>4	>4	

Test Method	Target	Test Organisms	Ct (mg-min/L)	Test Condition	Log Reduction Required*	Result (log reduction)	Test Reference
EN13697	Bacteria	<i>P. aeruginosa</i>	7500	Dirty	>4	>4	SC017-150-2006/1
		<i>S. aureus</i>	15000	Dirty	>4	>4	
		<i>E. hirae</i>	15000	Dirty	>4	>4	
		<i>E. coli</i>	7500	Dirty	>4	>4	
	Yeast	<i>C. albicans</i>	1000	Clean	>3	>3	
		<i>C. albicans</i>	7500	Dirty	>3	>3	
	Fungi	<i>A. brasiliensis</i>	37500	Clean	>3	>3	
		<i>A. brasiliensis</i>	37500	Dirty	>3	>3	
EN14476	Virus	<i>Poliovirus-1</i>	1250	Dirty	>4	>4	
		<i>Adenovirus-5</i>	2500	Dirty	>4	>5	
		<i>Murine norovirus</i>	2500	Dirty	>4	>4	
EN16777	Virus	<i>Adenovirus-5</i>	2500	Clean	>4	>4	
EN17126	Bacterial Spore	<i>B. subtilis</i>	25000	Clean	>4	>4	
		<i>B. cereus</i>	25000	Clean	>4	>4	
		<i>C.difficile</i>	10,000	Clean	>4	>4	

EN13727: Quantitative suspension test for the evaluation of bactericidal activity in the medical area.

EN13624: Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area.

EN 13697:2015 Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of disinfectants used in food, industrial, domestic and institutional areas.

EN 14348:2005 Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants.

EN 14476:2013+A1:2015 Quantitative suspension test for the evaluation of virucidal activity of disinfectants intended for use in the medical area.

EN 16777:2016 Quantitative non-porous surface test for the evaluation of virucidal activity in disinfectants used in the medical area

EN17126:2018 Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants in the medical area

* 4 log reduction = 99.99%. 5 log reduction = 99.999% etc.