

TECHNICAL DATA SHEET

Chlorine Disinfection Tablets



DESCRIPTION

A powerful disinfectant in the form of a powder compressed into a tablet. The active ingredient, sodium dichloroisocyanurate anhydrous (NaDCC), is formulated with effervescent salts to aid its dispersion in water. The volume of effervescent salts varies to suit different in use applications, water temperatures, markets and packaging method, but the actual biocidal performance of the product is unimpaired. Chlorine is regarded by many, including the health service and the Government, as the most effective disinfectant in the fight against disease.



TECHNICAL SPECIFICATION

Quantity	Tubs of 100 tablets Case of 6 x 100
Shelf Life	5 years from manufacture
Recommended Use	Private and public health areas, veterinary hygiene, food and feed disinfection, and drinking water disinfection

FEATURES

- Powerful Disinfectant
- Easy to use tablets
- Wide range of applications
- Effective and safe alternative to liquid bleach

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Recommended Applications

Private and Public Health Area Disinfectants:

- Non-metallic Medica and Veterinary Appliances
- Mops, Cloths and Glassware
- General Disinfection
- Body Fluid Spills
- Drains, Sinks, W.C, Pans W.C's
- Laboratory Discard Jars
- Conditions of Heavy Soiling

Veterinary Hygiene:

- General Hygiene
- Conditions of Heavy Soiling

Food and Feed Disinfectants:

- Food Preparation Areas (including non-metallic equipment, containers, consumption utensils, work surfaces etc)
- Baby Bottle Sterilisation
- Disinfection of Salads, Vegetables, Non-Peelable Fruit

Drinking Water Disinfection:

- Chlorination of Animal Drinking Water
- Emergency Water Purification

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Use dilutions, including descriptions of the proposed method of application

Dilution Table: NaDCC		
1 tablet in...	...Gives Available Chlorine of...	Typical Uses
150ml	10,000 ppm	Bodily fluid spills & conditions of heavy
600ml	2,500 ppm	Non-metallic medical & veterinary
1.5L	1000 ppm	General Disinfection
3.75L	400 ppm	WC's, Drains, Sinks
7.5L	200 ppm	Food preparation areas
12L	125 ppm	Baby bottle sterilisation
1L	100 ppm	Cloths & mops

Disinfection of	Recommended Contact Time
Body fluid spills & conditions of heavy soiling	2 Minutes
On-metallic medical & veterinary appliances, Laboratory discard jars	Overnight
General disinfection	15 minutes
WC's, Drains, Sinks	Pour in solution during quiet period
Food preparation areas	Minimum 3 minutes
Baby bottle sterilisation	Minimum 30 minutes
Cloths & mops	30 Minutes (do not soak overnight)

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Guidelines for the use of NaDCC for baby bottles and feeding equipment

After each feed, thoroughly wash and rinse all feeding equipment ensuring all traces of milk are removed.

Prepare the sterilising solution. Add 1 tablet to the recommended amount of cold or lukewarm water to produce 125 ppm of available chlorine. (Stirring will speed up the tablet dissolution time.)

Stir solution then immerse all items completely ensuring no trapped air bubbles remain in the bottles or teats.

Keep items submerged for at least 30 minutes.

At feeding time, drain and rinse the equipment with cooled, freshly boiled water as used for the feed. Fill the bottle immediately with the feed.

Wash hands thoroughly after contact with the solution.

Guidelines for the use of NaDCC for glassware, mops and cloths:

After cleaning mops or cloths, dissolve 1 tablet in the recommended amount of water to produce 100ppm of available chlorine.

Immerse the cloth or mop in the solution for at least 30 minutes. Do not leave overnight.

Guidelines for the use of NaDCC for food preparation surfaces and food processing equipment:

Remove loose debris with a clean, loosely-folded cloth.

Wash with a hot neutral detergent solution and cloth. An abrasive nylon pad may also be useful.

Rinse with hot water and clean cloth.

Drop one NaDCC disinfection tablet into the recommended amount of water, preferably warm (40°C) to provide 200 ppm of available chlorine.

Thoroughly wet the cleaned surface with the disinfecting solution by the most suitable means, e.g. trigger spray or disposable cloth.

Leave wet for a minimum of 3 minutes.

Rinse off with fresh, clean water.

Allow to air-dry or use disposable paper towel.

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Product claims

The biocidal activity of hypochlorous acid has been well established. The following is a list of frequently encountered pathogens against which this product has proven effective.

Bacteria:

- Salmonella Typhi
- Vibri Cholerae
- S. Sonnei
- S Faecalis
- Escherichia Coli
- MRSA
- Bordetella bronchiseptica
- Enterobacter clocae
- Erysipelothrix rhuspathie
- Listeria monocytogenes
- Pasteurella multocoda
- Pseudomonas aeruginosa
- Yersinia enterocolitica
- Candida albicans
- Staphylococcus aureus
- Enterococcus hirae

Viruses:

- Avian Influenza
- Newcastle disease
- Infectious bursal disease
- Laryngo-tracheitis infection
- Avipox virus
- Foot and mouth disease virus
- Swine vesicular disease virus
- HBV
- HIV-1

Algae and Fungi:

- Candida albicans
- Aspergillus niger