PRODUCT DATA SHEET

Product Code: CHEM-T

Chlorine Disinfectant Tablets

- Tubs of 100
- Powerful Disinfectant
- Easy to Use Tablets
- Wide Range of Applications
- Effective and Safe Alternative to Liquid Bleach

A powerful disinfectant that will kill a range of bacteria, fungi, viruses and spores of infectious body spills within 2 minutes.

The active ingredient, sodium dichloisocyanurate anhydrous (NaDCC) is blended with effervescent salts to aid its dispersion in water, without affecting the product's ability to generate hypochlorous acid (free available chlorine). 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. That is why it is recommended by the world's major authorities for use against HIV (AIDS) and Hepatitis B viruses and why almost all of the world's piped water supplies are treated with chlorine.

Applications include the disinfection of private and public health areas, veterinary hygiene, food and feed disinfection, and drinking water disinfection.

Available in tubs of 100 tablets.

V1.0 02.06.2021

PRODUCT DATA SHEET

Product Code: CHEM-T

The product is made of three components. The active ingredient is sodium dichloro-1,3,5-triazinetrioneanhydrous, which has biocidal properties. The other two components, 1,6-hezane dioic acid and sodium hydrogen carbonate form the effervescent base.

When the tablet is dissolved in water, Sodium dichloro-1,3,5-triazinetrione anhydrous (NaDCC) primarily forms hypochlorous acid (the active compound) and sodium cyanurate.

Recommended Applications

Private and Public Health Area Disinfectants:

- Non-Metallic Medical 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

V1.0 02.06.2021

PRODUCT DATA SHEET

Product Code: CHEM-T

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	Body fluid spills & conditions of heavy soiling
600ml	2,500 ppm	Non-metallic medical & veterinary appliances, Laboratory discard jars
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
15L	100 ppm	Cloths & mops

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

V1.0 02.06.2021

PRODUCT DATA SHEET

Product Code: CHEM-T

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 a 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.

V1.0 02.06.2021

PRODUCT DATA SHEET

Product Code: CHEM-T

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. For full test data, please **contact us**.

Bacteria:

- Salmonella Typhi
- Vibri Chlolerae
- S. Sonnei
- S. Faecalis
- Escherichia Coli
- MRSA
- Bordetella bronchiseptica
- Enterobacter cloacae
- Erysipelothrix rhuspathie
- Listeria monocytogenes
- Pasteurella multicoda
- Pseudomonas aeruginosa
- Yersinnia enterolytica
- 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

V1.0 02.06.2021