

*Right choice for disinfectant of water*

# BACTAFREE

Sodium dichloroisocyanurate (NaDCC)

Sodium Dichloroisocyanurate (NaDCC) offer you an easy solution to complex problem of Selecting a right disinfectant



## **BACTAFREE WATER PURIFICATION TABLETS**

BACTAFREE Water Purification Tablets are manufactured to an effervescent formulation containing sodium dichloroisocyanurate (NaDCC) - an organic chlorine donor with a superior disinfection capacity to sodium hypochlorite, a near neutral pH and a simple, easy to understand closing system for added safety.

BACTAFREE Water Purification Tablets kill bacteria, bacterial spores, cysts, algae, fungi, protozoa and virus and are especially lethal to Entamoeba histolytic. The following causative water borne organisms amongst others are killed by Precure Water Purification Tablets:

- Salmonella typhi
- Shigella sonnei
- Escherichia coli
- Vibro Cholerae
- Streptococcus Faecalis

### **Advantages of Bactafree NaDCC (Sodium Dichloroisocynurate) Tablet**

- Release chlorine only when dissolved in water.
- Tablet is in a stable form.
- Easy handling & compact storage; No leaks or spillage.
- Bactafree in water releases hypochlorous acid, an active ingredient having biocidal activity against Gram Positive & Gram Negative bacteria, Bacterial Spores, fungi, algae, viruses etc, also effective in eliminating common diseases such as Typhoid, Cholera, Polio and Diarrhoea.
- Resistant to organic spoilage.
- Convenient to use with easy measurement and dissolves quickly in water forming clear disinfecting solution and acidic solution of ph.
- Economical.
- Less corrosive to rubber and stainless steel.
- Yields known level of available chlorine.

## APPLICATIONS

### **FOR DRINKING WATER**

Refer to the table below and depending on the water volume dissolve the appropriate tablet in the water and leave for 30 minutes before drinking.

Guideline value recommended by the World Health Organization for emergencies and disasters is 5ppm and in normal course is 2ppm. For effective disinfection there should be a residual concentration of free available chlorine of 0.5ppm after at least 30 minutes contact.

<b>Product</b>	<b>NaDCC Content</b>	<b>Liters of water At 5ppm</b>	<b>Liters of water At 2ppm</b>
Precure / Bactafree - 1	<b>3.5 mg</b>	0.40	1
Bactafree 1 EM	<b>8.5 mg</b>	1	2.5
Precure - 9	<b>9 mg</b>	1	2.5
Precure - 5	<b>17 mg</b>	2	5
Bactafree 5 EM	<b>33 mg</b>	4	10
Bactafree - 10	<b>35 mg</b>	4	10
Bactafree 20	<b>67 mg</b>	8	20
Sodium Dichloroisocy - anurate Tab for solution	<b>167 mg</b>	20	50
Precure -350	<b>350 mg</b>	40	100

## FOR WATER TANKS

For the purification of water in tanks, 10ppm available chlorine is generally recommended. However, regular tank cleaning and disinfection is essential, guidelines as follows

- Dose static tank water to 5ppm available chlorine and leave for 5 minutes to drain off
- Using a suitable sanitizing solution such as 200ppm solution mixed with neutral detergent, thoroughly clean the tank and rinse out
- Place sufficient tablets in the tank and dose to 60ppm, fill the tank with fresh water and leave overnight. Check for a chlorine residual of at least 50ppm before neutralizing, drain off and resume use

For all new water pipe installations, dosing the system to 50ppm available chlorine for a minimum of 30 minutes before checking for chlorine residual is recommended.

WATER VOLUME IN LITRES FOR TREATMENT AT SPECIFIC CHLORINE LEVEL					
Product	NaDCC Contain	At 1 ppm	At 2 ppm	At 5 ppm	At 10 ppm
Precure -350	350 mg	200	100	40	20
Bactafree 200 EM	1.67 gm	1000	500	200	100
Precure - 500	1.75 gm	1000	500	200	100
Precure -H 2.5	2.5 gm	1500	750	300	150
Bactafree - 1000	3.5 gm	2000	1000	400	200
Precure Vet - 5	5 gm	3000	1500	600	300
Precure - 2500	8.68 gm	5000	2500	1000	500

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