



WATER PURIFYING & DISINFECTANT TABLETS





INTRODUCTION:

“Clean Water For A Better Life”

Bactfree - 1000 are rapidly effective on contaminated water which remove viruses, gram-positive & gram-negative bacteria, fungi mold, yeast, salmonella typhi, shigella sonnei, escherichia coli, sibro sholerae, streptococcus faecalis etc, etc. and make water drinkable.

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



WHY BACTAFREE - 1000?

- Keeps water free from pathogens agent
- Improve the purity of water
- Make water more hygienic
- No change in water test
- Keeps clarity of water intact
- Kills salmonella typhi, shigella sonnei, escherichia coli, sibro sholerae and streptococcus faecalis from water





DILUTION INSTRUCTION:

No.	Disinfection of	Required Concentration of available chlorine	Dilution Rates
1	Blood Spills	10000 PPM	1 Tablet In 200 ML Of Water
2	Infected Linen / Solid Linen	140 PPM	1 Tablet In 15 Liters Of Water
3	Work surfaces, cupboards, floors, food preparation area, salad & vegetables wash etc.	140 PPM	1 Tablet In 15 Liters Of Water
4	Utensils, Porcelain, Glassware, Rubber & Plastic Tubing	140 PPM	1 Tablet In 15 Liters Of Water
5	Air mattress cleaning, top cover of airbed pump, flow tron DVT pumps, general clinical use	1000 PPM	1 Tablet In 2 Liters Of Water
6	Dishcloths, Mops, Etc.	60 PPM	1 Tablet In 35 Liters Of Water
7	Pipette Jars	2500 PPM	1 Tablet In 800 ML Of Water



BACTAFREE – 1000 USES:

- Outdoor & Indoor Spray ✓
- Industrial Areas ✓
- Malls ✓
- Residential Areas ✓
- Overhead & Underground Tank ✓
- Railway & Bus Stations Disinfectant ✓

Usages	Volume of Water	PPM of Chlorine
Overhead & Underground Water Tank	1000 Litres	2
	2000 Litres	1
Vegetables & Fruits, Surface wash, Moping, Infected Linen	15 Litres	140
Spray for Surface Sanitizing	7-8 Litres	280





GUIDELINES ON DISINFECTION

BACTAFREE - 1000 AS PER THE COVID - 19 GUIDELINES ON DISINFECTION

- Bactafree - 1000 Each tablet contains 3.5gm tab of NaDCC (Sodium Dichloro Isocyanurate)
- 5 tablets of Bactafree 1000 in one litre of water to make Sodium Hypochlorite 1%.
- Sodium Hypochlorite - 1% = 10000 ppm
Bactafree - 1000(3.5g tab) 5 tablet in 1 litre of water = 10000 ppm





BACTAFREE – 1000 COMPARISON CHART:

Sr.No	Parameters	Sodium Hypochlorite Solution	Sodium Dichloro Isocyanurate Tablets
1	Available Chlorine	5-10%	60%
2	Insoluble	Nil	Nil -Totally dissolved
3	Mode of Use	can be use directly	Can be used Directly
4	Stability & Shelf-Life	Un Stable - Shelf life is not more than 15 days	Stable -at least Two year OR even longer
5	Features	Short duration of Chlorine residual causes eye & skin	Keeps Chlorine residual stable NO Irritation to Eye & Skin
6	PH	PH increases to above 10 due to Presence of free Caustic	PH is not increases 6 to 8
7	Corrosion	Corrosion Materia	Greatly Diminished by using NaDCC Tablets, less corrosive than other chlorine based products.
8	Accuracy	Available in Bulk Packing so accurate Water Purification is not Possible without access to laboratory Equipments	Because of their stability NaDcc Tablets are an accurate dose.
9	Storage & Distribution	Liquid Chlorine is Bulky heavy and Prone to leakage and Spillage.	Tablets are Compact, Economical and safe to ship and can even be sent by airfreight.



WORLD HEALTH ORGANIZATION



World Health Organization

Recommended that some chemical disinfectants like bleach and chlorine can kill the 2019 coronavirus on surface.

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