

Chlorine Release Tablets

Instachlor®

Instachlor provides a practical solution for applications in chlorination, disinfection and sterilisation.

INSTACHLOR®

Instachlor PR tablets are a range of rapid dissolving chlorine release tablets for professional applications in water treatment, disinfection and emergency chlorination.

The tablets are prepared from an effervescent formulation containing sodium dichloroisocyanurate - an organic chlorine donor and dissolve rapidly when added to water to release chlorine into solution.

Instachlor PR tablets provide a simple and effective means of preparing chlorine solutions of known strength for chlorination, disinfection or sterilisation purposes.



The Instachlor PR Range

Ordering Code	Description	NaDCC	Available Chlorine Content	Nominal Tablet Weight	Tablet Diameter
WT 406	Instachlor - PR 5	8.5mg	5.1 mg	0.06 g	5mm
WT 415	Instachlor - PR 40	67mg	40.2 mg	0.35 g	10mm
WT 424	Instachlor - PR 150	250mg	150 mg	1.08 g	16mm
WT 442	Instachlor - PR 1000	1.7g	1g	3.25g	18mm
WT 446	Instachlor - PR 1000	1.7g	1g	3.25g	18mm
WT 448	Instachlor - PR 3000	5g	3g	9.7g	25mm

As a guide to the general application of Instachlor tablets. The table below shows the available chlorine concentration provided by each Instachlor tablet when added to various volumes of water.

Table 1

Ordering Code	Description	Available Chlorine (mg/l) Provided			
		in 1 litre	in 10 litres	in 100 litres	in 1000 litres
WT 406	Instachlor - PR 5	5	0.5	-	-
WT 415	Instachlor - PR 40	50	5	0.5	-
WT 424	Instachlor - PR 150	150	15	1.5	0.15
WT 442	Instachlor - PR 1000	1000	100	10	1
WT 446	Instachlor - PR 1000	1000	100	10	1
WT 448	Instachlor - PR 3000	3000	300	30	3

Ordering Code	Description	Volume of Water (Litres)		
		for 1 mg/l	for 2.5 mg/l	for 5 mg/l
WT 406	Instachlor - PR 5	5	2	1
WT 415	Instachlor - PR 40	50	20	10
WT 424	Instachlor - PR 150	150	60	30
WT 442	Instachlor - PR 1000	1000	400	200
WT 446	Instachlor - PR 1000	1000	400	200
WT 448	Instachlor - PR 3000	3000	1200	600

Table 2

This table indicates the quantity of water which can be treated with each Instachlor PR tablet to provide the various chlorine doses referred to for disinfection of water.

Chlorination of Water

Instachlor PR tablets provide a convenient means of small-scale water chlorination: The tablets may be added direct to water containers, water tanks, wells or small reservoirs. The choice of Instachlor PR tablet will depend on the quantity of water to be treated.

Disinfection of Water Tanks and Distribution Systems

Instachlor PR tablets can be advantageously used for the disinfection of water tanks and distribution systems. It is recommended that all storage tanks and similar systems be disinfected regularly. This includes tanks used for water supply and those associated with refrigeration or air conditioning systems, etc. Contaminated tanks have been recognised as a potential source of infection and the need for disinfection is paramount.

Sterilising and Sanitising

Chlorine solutions are used extensively for sterilising or sanitising of equipment, work surfaces, plant and pipelines, etc. Application areas include food industries, pharmaceutical manufacturing plants and other situations where a germ-free environment is essential. Instachlor PR tablets provide a simple and accurate means of preparing sterilising and sanitising solutions for these applications.

