



Water Purification Tablets

Effervescent chlorine tablets for purification of drinking water and water tanks



Oasis Water Purification Tablets are rapid dissolution effervescent chlorine tablets lethal to pathogenic bacteria, viruses, spores, algae, fungi and cysts and are suitable for applications in emergency water disinfection, water tanks and systems.

Available foil wrapped or loose in pots.

Drinking Water Inspectorate Approved

Makes water sterile & safe - **fast**





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Oxygen and water are essential to life... The United Nations reports that 80% of all diseases in the world are water related and that 50% of infant mortality worldwide is caused by water borne diseases. (International drinking water supply and sanitation decade - United Nations 1981)

The requirement for a compact, easy to use, fast acting water purification system for use where water is contaminated was recognised as long ago as the early 1900's. Most of the world's piped water supplies are treated with chlorine. However, the conventional chlorine donor, sodium hypochlorite is a liquid that degrades with age and it is difficult to calculate accurate in-use dilutions.

Oasis 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 dosing system for added safety.

Each tablet is carefully manufactured to strict specifications ensuring an accurate chlorine level for each application whether for individual water consumption or large tank applications.

The range consists of 2 small volume water tablets and 2 large tablets to suit a variety of applications.



METHOD FOR DRINKING WATER			
	No. of tablets	Litres of water	Contact time in water
OASIS	1	1	10 minutes
OASIS PLUS	1	25	10 minutes

N.B. In areas where Schistosomiasis (Bilharzia) is prevalent, it is recommended that 30 minutes is allowed for purification.

AVAILABLE CHLORINE (mg/l or ppm) IN WATER						
	Tablet weight	In 1 litre	In 10 litres	In 25 litres	In 100 litres	In 300 litres
OASIS 1000	3.25g	1000	100	40	10	3.3
OASIS 3000	9.5g	3000	300	120	30	10

WATER VOLUME IN LITRES FOR TREATMENT AT SPECIFIC CHLORINE LEVEL				
	At 1ppm	At 2.5 ppm	At 5 ppm	At 10 ppm
OASIS	10	4	2	1
OASIS PLUS	250	100	50	25
OASIS 1000	1000	400	200	100
OASIS 3000	3000	1200	600	300

* mg/litre = ppm

Instructions for Use

For the purification of water in tanks, 10ppm (mg/l) available chlorine (av. cl.) is generally recommended. However, regular tank cleaning and disinfection is essential, guidelines as follows:

- i) Dose static tank water to 5ppm av.cl. and leave for 5 minutes to drain off.
- ii) Using a suitable sanitising solution such as a 200ppm av.cl. solution mixed with a neutral detergent (or Biospot detergent sanitiser tablets), thoroughly clean the tank then rinse out.
- iii) Place sufficient tablets in the tank to dose to 60ppm av. cl., fill the tank with fresh water and leave overnight. Check for a chlorine residual of at least 50ppm av.cl. before neutralising, drain off and resume use.

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

Bactericidal Activity

Oasis tablets kill bacteria, bacterial spores, cysts, algae, fungi, protozoa and viruses and are especially lethal to Entamoeba histolytica. The following causative water borne organisms amongst others, are killed by Oasis Water Purification tablets:

- Salmonella typhi
- Vibrio cholerae
- Shigella sonnei
- Streptococcus faecalis
- Escherichia coli

Commonly recognised micro-organisms that cause diseases such as typhoid, dysentery, cholera, polio and diarrhoea are killed by Oasis tablets.



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