



STERICLEAR

OxyAzur™ 8200

*Effervescent Water Treatment Tablet
for Stored Water*



Drinkable Water within 20 minutes



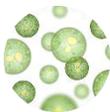
Our ActiGas™ nanotechnology inside each OxyAzur tablet kills 99.99% of unwanted bacteria, moulds, viruses, spores and fungi (including malaria, cholera and ebola) in under 20 minutes, leaving your water safe.

Zero Chemical Residue



Since the ActiGas™ goes to work on the microbugs and then evaporates shortly thereafter, you won't even notice it was there, leaving your water to be enjoyed the way nature intended. Taste, odour and chemical free.

Eliminates Bio-Slime & Algae



Our OxyAzur™ tablet is the only product on the market to target the nasty bio-slimes and algae hiding away in those tough to reach spots, meaning you don't have to diamond and scrub away the insides of your water storage system anymore.

Kills Superbugs Forever



Our ActiGas™ nanotechnology is able to penetrate the cell walls of the bacteria, viruses etc. and destroy their DNA from the inside out, leaving them denatured before they have the chance to respond or develop a resistance. Goodbye superbugs.

Eliminates Heavy-Metals



Since OxyAzur has 2.5 times the oxidising capacity of chlorine and is 10 times more water-soluble, it is able to remove heavy metals such as iron and manganese from your water without corroding your pipes.

pH-Independent



Unlike common chlorine-based systems, our ActiGas™ operates at any pH, which means you'll be guaranteed it will work, regardless of water acidity or alkalinity, meaning you no longer need a PhD to drink tank water

Just because water looks clean to the eye does not mean it's safe to drink. Chlorination systems exist to help with treating water, however there's nothing worse than that chlorine taste or smell when quenching your thirst, not to mention the harm you're causing your body. SteriClear has the solution with OxyAzur™ 8200

Water is our single most valued resource our earth has to offer. We cannot survive a day without it, however it needs to be in the condition where it is safe for us to use, whether it's for drinking, washing, or for enjoying while we relax.

Until now, chlorination has been the primary method to treat household water, however it has significant drawbacks: it only kills bacteria, it leaves a strong smell, which is unpalatable to most and it uses the technology of chlorination to treat potable water, not to mention the medically-proven carcinogenic side-effects which are encountered to chlorine-exposure.

SteriClear introduces our OxyAzur™ range of tablets, which relies on our intelligent ActiGas™ nanotechnology, to selectively target unwanted bacteria, moulds, viruses, spores and fungi, and then evaporates, leaving a zero-residue water treatment.

How it works

Once you add the OxyAzur™ tablet to your stored water, the water activates our ActiGas™ nanotechnology within the tablet. The tablet dissolves into the water within 20 seconds and creates a dissolved gas in the water. This dissolved gas kills all the bacteria, viruses, moulds, spores and fungi in under 20 minutes, then evaporates, resulting in a **zero-residue** water treatment.

Furthermore, because the gas is 10 times more water-soluble than chlorine and has 2.5 times the oxidising capacity, the ActiGas™ manages to reach areas where many other treatments (such as ultraviolet water treatment) tend to miss, resulting in a full-spectrum disinfection of your water system.

Since our OxyAzur™ acts as a Level-4 biocide, it only needs to be added to the water every 4-5 days, or whenever new water is added.

Convenient and Cost-Effective

Our OxyAzur™ tablet range is the most convenient and cost-effective way to treat your stored water. Since the treatment comes in a tablet form, there is no initial capital outlay for water treatment systems which will require maintenance and skilled operators.. Simply add the tablet to your water tank in the evening and let the tablet do all the work.

OxyAzur™ 8200



Just 8 tablets in Elana's hand are enough to treat the entire tank full of water.

Furthermore, since the ActiGas™ is so effective, only a very small amount of chemical is required to treat the water. One tablet the size of your baby fingernail treats 200 litres of drinking water. Less chemicals mean less transport and storage costs, not to mention less impact on our environment.

Carcinogenic THMs

Trihalomethanes (THMs) are a byproduct of disinfection. Once a bacteria realises that it is under threat, it releases THMs as a defence-mechanism into its surrounding environment (the water in this case).

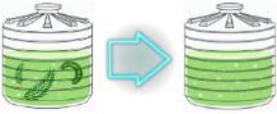
THMs have been proven to be carcinogenic and are also responsible for the bad taste in water once it has been chlorinated. Furthermore, when bacteria recognise that they are under threat, their DNA mutates, resulting in the plethora of superbugs which we are faced with today.

SteriClear's ActiGas™ technology inside each OxyAzur™ tablet penetrates the bacteria cell wall and destroys it from the inside out, before it's had a chance to respond, mutate and release THMs.

It is because of this alone that SteriClear is fast becoming a leader in the disinfection and sanitisation industry. The industry-awareness of THMs in water and food-treatment processes is driving industry-leaders to move away from chlorine-based products and find far safer alternatives.

www.stericlear.co.za

How to use OxyAzur™

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1 Make sure all unwanted solids such as leaves or unlucky bugs are removed from the tank.
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2 In the evening, add an OxyAzur™ tablet to the water in the tank. We offer different size tablets depending on the size of your tank.
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3 Within 20 minutes the water will be ready for use. Treat once a week, or whenever new water is added to the tank.

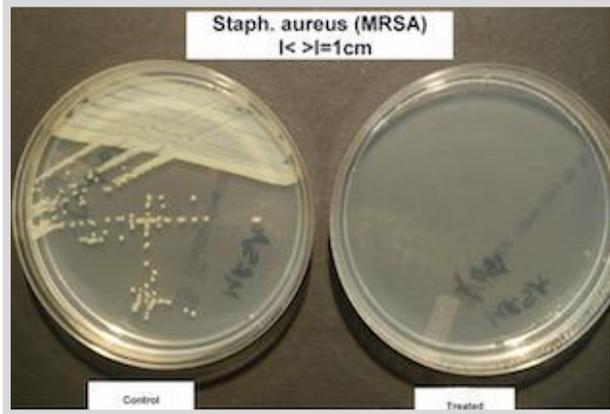
Applications for the OxyAzur™ Range



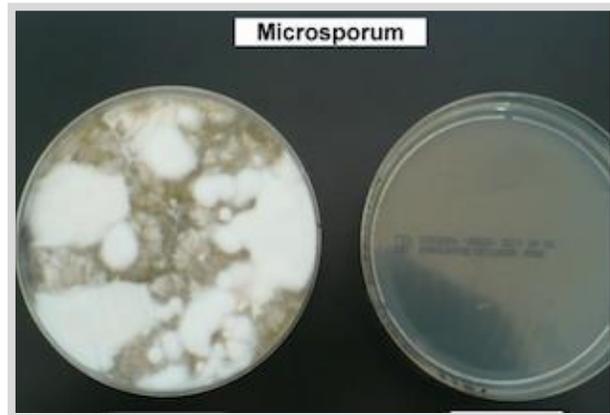
- Urban Stored Water for water shortages
- Rain water treatment
- Low infrastructure & rural residential water treatment with no electricity services
- Camping water treatment
- Caravan tanks
- Yacht & Ship water tanks
- Space Rocket tanks
- Agricultural stored water
- Racehorse drinking water
- Food processing water
- On-Site water storage for mine workers or labourers
- Borehole water tanks
- Municipal water treatment
- Large-Scale agricultural water treatment
- Travellers/mountaineers

Technical Specifications

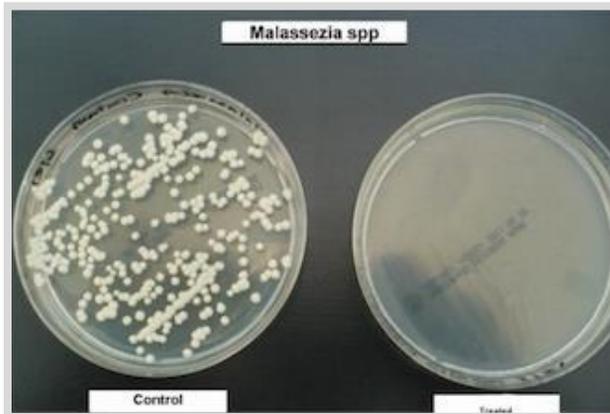
Our OxyAzur™ tablets are **NRCS registered and SABS tested** and our **active ingredients are approved by the United States FDA**



Staphylococcus Aureus bacteria before and after ActiGas™ treatment



Microsporium fungus before and after ActiGas™ treatment



Malassezia yeast spores before and after ActiGas™ treatment

OxyAzur™ is also suitable to be used in accordance with **HACCP food preparation processes**. According to our tests conducted, OxyAzur™ has the following kill rate for the relevant bacteria, viruses, moulds, spores and fungi*:

Anthrax spores (30 minutes)	99.9999%
Bacillus Cerus spores (5 minutes)	99.999%
Candida Albicans (60 seconds)	99.99999%
Canine Parvovirus (10 Minutes)	100%
Cholera (5 Minutes)	100%
Escheria Coli, e-coli (60 seconds)	99.9999%
Lactobacillus Sp. (60 seconds)	99.999%
Legionella Pneumophilia (60 Seconds)	99.999%
Listeria Monocytogenes (60 seconds)	99.9999%
Mycobacterium Bovis (10 minutes)	99.999999%
Newcastle Disease virus (10 minutes)	100%
Pediococcus Sp. (60 seconds)	99.999%
Proteus Mirabilis (60 seconds)	99.999999%
Pseudomonas Aeruginosa (60 seconds)	99.999999%
Pseudo Rabies virus (10 Minutes)	100%
Saccharomyces Cerevisiae (10 minutes)	99.999%
Salmonella Choleraesuis (60 seconds)	100%
Salmonella Typhimurium (60 seconds)	99.999%
Staphylococcus Aureus (10 minutes)	100%
Streptococcus Faecalis (60 seconds)	99.99999%
Streptococcus Faecilum (60 seconds)	99.9999%
Trichophyton Mentagro Phytes (5 min)	100%



* For details on our laboratory methodology please contact us

The OxyAzur™ 8200 Range

OxyAzur™ 8202

- Each Tablet Treats 200 Litres of water
- Ideal for caravans, Camping, hiking or small water tanks
- Comes in packs of 6, 30 and 60 tablets

OxyAzur™ 8204

- Each Tablet Treats 1000 Litres of water
- Ideal for water tanks, rain water storage tanks
- Comes in packs of 4, 20 and 100 tablets

OxyAzur™ 8206

- Each Tablet Treats 5000 Litres of water
- Ideal for medium sized water tanks (Jojo tanks)
- Comes in packs of 2, 10 and 50 tablets

OxyAzur™ 8208

- Each Tablet Treats 100 000 Litres of water
- Ideal for reservoirs and large steel tanks
- Comes in single packs




SANITIZATION · PURIFICATION · STERILIZATION

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SteriClear™ is an international provider of products and solutions for disinfection, sanitization and odour control. SteriClear™ draws from 15 years experience in water treatment and disinfection, and is a leading supplier of disinfection precursor technology for a wide variety of markets. For additional information about SteriClear's range of disinfection products, please visit www.stericlear.co.za or email info@stericlear.co.za for queries