

Activ-Ox[®] Spa Cleaner

Spa Cleaner

Contains powerful disinfectant

Penetrates Biofilm

Kills Legionella & Pseudomonas

Simple and Safe

Activ-Ox[®] Products

Activ-Ox[®] Showerhead Cleaner

Activ-Ox[®] Dosing Systems

Activ-Ox[®] Foam Cleaner

Activ-Ox[®] Spa Cleaner

Other products and Services

Legionella Risk Assessments

Legionella Awareness Training

Rapid Legionella Analysis

Water Softeners

Water Hygiene Services

Pre-commission and Renovation Cleaning

Chemical Dosing Equipment



activ-ox[®]

instant chlorine dioxide technology



Why Should I Disinfect My Spa Regularly?

As the manager or person responsible for ensuring the health and safety of your customers, you will be well aware of the risks that your pools may carry without effective treatment. Pool and spa waters not only operate at warm temperatures but are also subject to the frequent introduction of organic contaminants from the people using them. Without effective treatment these systems quickly become ideal breeding grounds for unwelcome microbes.

Whilst a well-controlled on-going chlorine or bromine treatment regime should help control the free floating bacteria in the pool water, it might not be capable of eradicating surface based biofilm - a hidden threat in many spa pools. Biofilm forms on the surfaces of inaccessible pipes and balance tanks and can harbour potentially dangerous bacteria, allowing them to thrive within a well protected micro environments that is difficult get at. Pathogens released from biofilm may be inhaled in aerosols created by water jets in the pool, posing a significant risk to bathers and those working nearby. The UK Health and Safety Executive highlight the risks posed by these systems, advising: *'If they are not managed properly spa pools can be the cause of infections. As a recognised source of Legionnaires' disease, they are subject to health and safety laws to ensure spa pools remain safe.'*

Activ-Ox[®] Spa Cleaner

Activ-Ox[®] Spa Cleaner harnesses our patented chlorine dioxide chemistry in a safe, instant, easy to use 2-pack product. As a disinfectant, chlorine dioxide is known for its ability to penetrate biofilm and kill dangerous bacteria such as Legionella. Used as a regular monthly or quarterly treatment as part of your cleaning regime it will control the hidden menace of biofilm and help keep your guests safe.

Once activated Activ-Ox Spa Cleaner contains about 2000ppm of chlorine dioxide and whilst it was specifically developed for disinfecting commercial Spa pools it can also be used for any disinfection operation where a strong chlorine dioxide solution is required (such as domestic water storage tanks and down services).

How to use Activ-Ox[®] Spa Cleaner

Activ-Ox[®] Spa cleaner should only be applied when the system is not in use. Simply remove the lid from the drum of **Spa Cleaner A** and add the bottle of **Spa Cleaner B** to it, reseal the lid and invert the drum a few times to mix and activate. The activated solution will have a strong yellow / green colour and is ready for use.

Instructions on reverse

Instructions

Commercial Spa Pools

1. Switch off the water treatment system and the air and water jets.
2. Raise the water level to ensure all parts of the pool system are submerged (including overflows) and place any over-flow grills in the main pool so they get well soaked during the process.
3. Add 10L of freshly pre-mixed activated Spa Cleaner to the pool and circulate through the system **without air agitation**. (If the pool contains more than 10m³ a second drum may be required). The water should turn to a yellow / green colour (this is normal).
4. After around 10 minutes of circulation, activate the water jets (if available) - do not use air.
5. Leave the system circulating for at least 90 minutes or ideally overnight. During this time the yellow colour may decrease significantly and the water may become cloudy as biofilm is removed.
6. Once the circulation phase is complete you may turn on the spa air jets and circulate for one or two minutes (stop if this results in excessive foaming).
7. Drain the system and refill with fresh water.
8. Reinstate water treatment system and return the spa to normal service.

NB. If the Spa system contains a significant build up of biofilm it may be necessary to repeat the disinfection process a few times to bring it under control. Thereafter regular monthly or quarterly use of Activ-Ox Spa cleaner is recommended.

Other Disinfection Applications

Determine the quantity of pre-mixed activated Spa Cleaner needed using the following formula:

$$\text{Quantity of Spa Cleaner (L)} = (\text{System volume (L)} \times \text{ppm ClO}_2 \text{ required}) / 2000$$

Example: You want to disinfect a 6000 litre water tank with 5ppm of chlorine dioxide

$$\text{Quantity of Spa Cleaner required (L)} = (6000\text{L} \times 5\text{ppm}) / 2000$$

$$= 30,000 / 2000$$

$$= 15 \text{ Litres of pre-mixed activated Spa Cleaner}$$

Note: Whilst we recommend pre-mixed activated solutions are used immediately, if required they can be stored in a tightly sealed drum in a cool place for up to 1 month after which they should be used or disposed of.

Use biocides safely. Always read the labels and product information first before use