

Sanitiser comparison

Fizzy Tablets

Characteristics	Aqua Gentle Fizzy Tabs (dichlor)	Stabilised chlorine tablets (trichlor)	MF stabilised chlorine tablets (trichlor)	Bromine Tablets
Rate of release	Fast	Slow	Slow	Slow
pH	6.0 – 6.5	2.9	3	4
UV protection	✓	✓	✓	✗
Clarifier	✗	✗	✓	✗
Sanitiser %	43	90	87	95
Dispenser required	✗	✓	✓	✓
Suitable for all hot tub types	✓	Check with manufacturer	Check with manufacturer	✓



Chemical manual

Aqua Gentle

Aqua Gentle

Conditioning Liquid and Fizzy Tabs



Key Features

- For safe, soft and gentle hot tub water
- Simple 3-step system
- Invigorating lavender fragrance
- Prevents biofilm formation
- Effervescent chlorine tablets suitable for all hot tubs

Ideal free chlorine range: 3 – 5mg/l

Aqua Gentle provides a simple and effective water treatment programme designed to provide everything required to manage a hot tubs routine water care. Hot tub water is enhanced with Aqua Gentle Conditioning Liquid and supported using Aqua Gentle Fizzy Tabs.

Application Instructions

Commissioning freshly filled new hot tubs or ones left drained for a period of time: Following latest guidance, a commissioning dose of 50mg/l free chlorine maintained for a minimum of one hour is recommended.

Maintain pH level within the ideal range of 7.2 – 7.6. If not in this range, adjust.

1. **Daily:** Test the hot tub water daily using Aqua Gentle Test Strips, then add the required number of Aqua Gentle Fizzy Tabs. As a guide, add one Fizzy Tab per 1,000 litres of hot tub water to boost free chlorine levels by 1.5mg/l.
2. **Weekly:** Shake the Aqua Gentle Conditioning Liquid bottle vigorously before measuring the required dose using the graduated cup provided. Applying directly to the hot tub water with the circulation running using the table below as a guide.

Litres	Gallons	Weekly dose rate
1,000	220	80ml
1,500	330	120ml

3. **Fortnightly:** For hot tubs up to 1,500 litres, apply one 35g Spa Fusion sachet directly to the water with the circulation running. Leave the hot tub cover off for a minimum of one hour after application.

Shock dosing

Spa Fusion

AquaSParkle Spa Fusion Aqua Sachet

Key Features

- Convenient, pre-measured 35g sachet
- Powerful dual-action oxidiser
- Destroys bather wastes
- Added clarifier for sparkling water
- Rapid hot tub re-entry



AquaSParkle Spa Fusion should be used weekly or after heavy hot tub use to help remove bather wastes that can build up over time. These can result in odours, reduced water clarity and unpleasant bathing conditions.

Application Instructions

Important: When dosing this product, wear eye and face protection and ensure granules are not blown back towards you.

1. With the filtration running, empty the whole sachet contents into the hot tub. Leave the hot tub cover off and the filtration running for a minimum of one hour after application.
2. One sachet (35g) will treat hot tubs up to 1,500 litres.
3. Check the sanitiser level after application. If levels have fallen within the recommended range, the hot tub may be used after one hour.

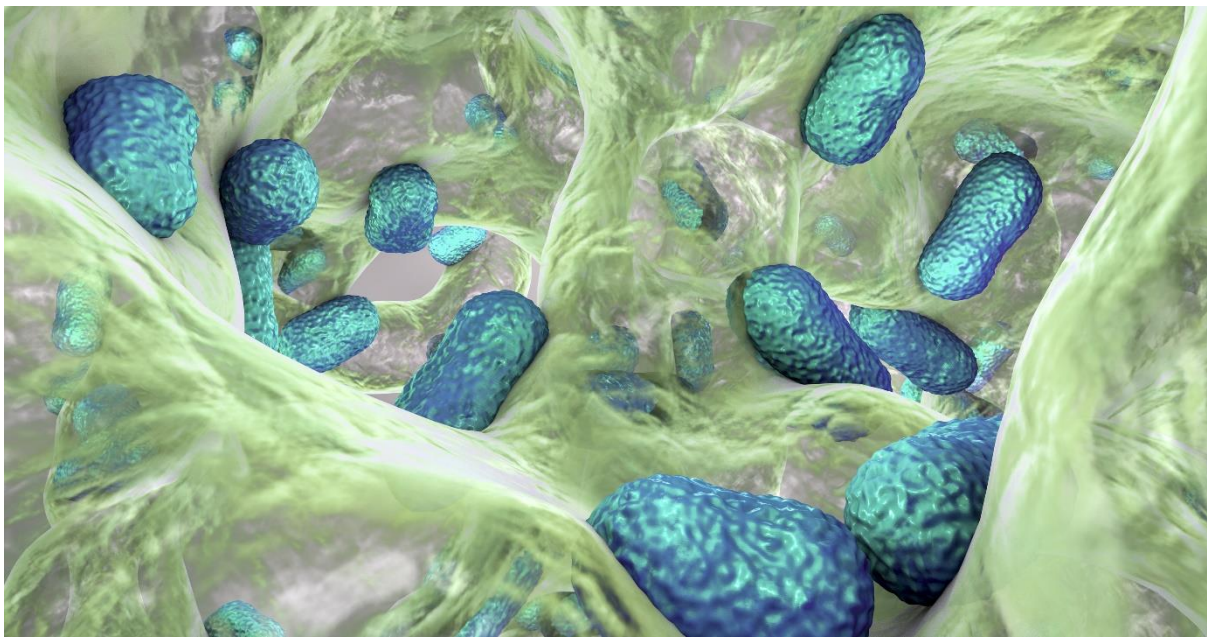
Note: As Aqua Sachets cannot be re-sealed, the whole sachet **must** be used in one treatment.

InfoTECH

Biofilm

Biofilm begins with a small number of bacteria that attach themselves to a solid surface. They then begin to produce proteins that act as signals to nearby bacteria effectively 'recruiting' them to the newly formed colony. As the bacteria continues to aggregate on the surface, they begin to change and develop into a complex colony protected by a layer of slime – this sticky layer is the *biofilm*.

Hot tubs are an ideal breeding ground for bacteria because of the warm temperatures and this, in combination with the addition of organic waste from bathers, makes hot tubs prone to biofilm formation if not properly maintained. Biofilm can be chemical resistant and thus prevention is always preferable to cure.



If left untreated, in addition to making the water potentially unsafe for bathers, biofilm can make the water cloudy or foamy and it may also cause an unpleasant odour.