

# Hydrachem

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## Biospot<sup>®</sup> Effervescent Chlorine Tablets

### Product technical data sheet

#### Tablet physical characteristics

Product number	Tablet weight (g)	NaDCC content (g)	Pack sizes
340460	1.1	0.5	600
342513	1.1	0.5	250
340210	3.25	1.7	200
340760	4.72	2.5	100

#### Composition - ingredients

Name	EC No.	CAS No.	Content (%)
Troclosene sodium	220-767-7	2893-78-9	30-60
Adipic acid	204-673-3	124-04-9	15-30
Sodium bicarbonate	205-633-8	144-55-8	10-25
Sodium carbonate	207-838-8	497-19-8	0-10

## Application

These tablets are a powerful disinfectant, proven to kill 99.9% of micro-organisms including. they can be used for effectively sterilizing medical equipment, cleaning and disinfecting all floors/surfaces as well as cleaning toilets and removing stains thereby promoting overall hygiene in homes/offices. Biospot tablets offer many advantages over traditional liquid biocides (bleach e.g.) as follows:

- **Increased efficiency:** effective against Bacteria, Viruses and fungi, incl. MRSA, *C. Difficile*, Spores, *Salmonella*, *E-coli*, Influenza, Covid-19
- **Fast dissolving:** effervescent
- **Reduction in pollution:** less packaging waste and less transport emissions
- **Less corrosive** than liquid bleach
- **Decreased costs**
- **Diverse** institutional application
- **Proven** to kill 99.9% of germs and bacteria

## Dilution rates

4.72g tablets

Purpose	Concentration (ppm)	Contact time	No. of tablets	Volume of water
Body fluid spills	10000	2 mins	7	1 litre
Lab discard jars	2500	Soak overnight	7	4 litres
General disinfection	1000	15 mins	2	3 litres
Stainless steel instruments	600	Immerse 1 hour	2	5 litres
WC's, drains, sinks	400	15 mins	2	7 litres
Food preparation surfaces	200	3 mins	1	7 litres
Dishcloths, mops*	60	Soak for 1 hour	1	25 litres

3.25g tablets

Purpose	Concentration (ppm)	Contact time	No. of tablets	Volume of water
Body fluid spills	10000	2 mins	10	1 litre
Lab discard jars	2500	Soak overnight	10	4 litres
General disinfection	1000	15 mins	1	1 litre
Stainless steel instruments	600	Immerse 1 hour	2	3 litres
WC's, drains, sinks	400	15 mins	2	5 litres
Food preparation surfaces	200	3 mins	1	5 litres
Dishcloths, mops*	60	Soak for 1 hour	1	17 litres

1.1g tablets

Purpose	Concentration (ppm)	Contact time	No. of tablets	Volume of water
Body fluid spills	10000	2 mins	34	1 litre
Lab discard jars	2500	Soak overnight	34	4 litres
General disinfection	1000	15 mins	10	3 litres
Stainless steel instruments	600	Immerse 1 hour	10	5 litres
WC's, drains, sinks	400	15 mins	10	7 litres
Food preparation surfaces	200	3 mins	5	7 litres
Dishcloths, mops*	60	Soak for 1 hour	2	10 litres

## Contact times

- **Body fluid spills:** minimum 2 minutes.
- **Laboratory discard jars:** soak overnight.
- **General disinfection:** 15 minutes.
- **Stainless steel instruments:** immerse for 1 hour.
- **WC's, drains, sinks:** pour solution during quiet periods.
- **Food preparation surfaces:** allow soak for 3 minutes and air dry or disposable paper towels.
- **Dishcloths, mops:** soak to bleach clean and deodorise. Do not soak overnight.

## Handling and storage

- Store as per any cleaning or hygiene products.
- Keep separate from any acidic cleaning products (e.g. lime scale remover)
- Easy to use with minimal precautions required
- Neutral (non cationic) detergent can be added to solution to aid cleaning for food preparation areas
- Refer to Material Safety Datasheet for detailed recommendations
- Avoid direct skin contact

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*Additional technical information sheets are available and include a more exhaustive set of information to assure the end user of product suitability.*