



# Poppits

## Technical Bulletin

### How long does Poppit Spa Sanitiser last in Spas & hot tubs?

#### PURPOSE

All Sanitisers diminish in strength – even when no one is using the spa. This Bulletin looks at the question of how fast and how much.

#### BACKGROUND

Sanitisers (chlorine and Poppits) steadily reduce in water. They are affected by heat, dust, bacteria, algae, phosphates, time and of course body fats and oils and other organic matter and waste.

Chlorine diminishes rapidly and requires daily dosing. Poppit Spa Sanitiser diminishes in a predictable amount per 24 hour period which makes the use of an automatic doser very practical.

#### OVERVIEW

There are accurate test strips that can be used to measure the decline (as well as advise amount required to restore the recommended levels) and these are marketed under the Poppits brand. The reading is shown as PER (abbreviation of Hydrogen Peroxide)

The following chart may be a useful guide when using:-

Poppit Spa Sanitiser

	1000 Litre Spa	1500 Litre Spa	2000 Litre Spa	Swim Spa 5000 Litre	Swim Spa 7000 Litre
High Use 3-4 people daily or (12-14 hrs/week) counting all people	Loses 15-20ppm per day  Add 125ml per day	Add 185ml per day	Add 250ml per day	Add 550ml per day	Add 650-700ml per day
Average Use 2-3 people 2-3 times per week (4-6 hrs/week)	Loses 10-14ppm per day  Add 85ml per day	Add 130ml per day	Add 170ml per day	Add 400ml per day	Add 550ml per day

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#### Poppit SANOSIL Sanitiser

	1000 Litre Spa	1500 Litre Spa	2000 Litre Spa	Swim Spa 5000 Litre	Swim Spa 7000 Litre
High Use 3-4 people daily or (12-14 hrs/week) counting all people	Loses 8-10ppm per day  Add 18ml per day	Add 27ml per day	Add 36ml per day	Add 90ml per day	Add 135ml per day
Average Use 2-3 people 2-3 times per week (4-6 hrs/week)	Loses 10-14ppm per day  Add 12ml per day	Add 18ml per day	Add 24ml per day	Add 60ml per day	Add 80ml per day

The following chart details the amount to add for each level of reading. We recommend the use of the Poppit 4 Way Test Strips AND also suggest regular water testing by your preferred professional pool and spa retailer

Dose required to restore Poppit Spa Sanitiser to recommended strength which is 100 ppm for Spas/hot tubs and a Minimum of 60 ppm for swim spas and swimming pools

To Increase By PPM	Add MLS per 1000 litres	
	Poppit Sanitiser	Poppit Sanosil
1	7	2
10	70	20
15	105	30
20	140	40
30	210	60
40	280	80
50	350	100
60	420	120
70	490	140
80	560	160
90	630	180
100	700	200