

Hyperchlorination Card

Fill in your own pool before you need it. Nobody does arithmetic well at two in the morning.

FREE PRINTABLE
CPOPRO.COM

TEST YOUR CYANURIC ACID FIRST

These holds are for water with **NO STABILIZER IN IT**. At 1 to 15 ppm the holds are longer and the table below governs. **ABOVE 15 PPM THE MODEL CODE'S OWN PROTOCOL GOVERNS INSTEAD: PH DOWN TO 6.5, FREE CHLORINE TO 40 PPM FROM A NON-STABILIZED PRODUCT, HELD 30 HOURS.** Follow your own jurisdiction's protocol wherever it differs.

YOUR POOL		fill this in once, in pen
Facility		Gallons
To 10 ppm needs		of
To 20 ppm needs		of
To 30 ppm needs		of

Those assume a pool sitting at zero, so subtract what you already carry: at 3 ppm on the sheet, a run to 20 is a 17 ppm rise.

READING THE TABLE		gallons of pool water across the top					
TARGET	PRODUCT	10,000	20,000	30,000	50,000	100,000	250,000
10 ppm	Cal-hypo 73%	1 lb 2 oz	2 lb 4 oz	3 lb 7 oz	5 lb 11 oz	11 lb 6 oz	28 lb 7 oz
	Liquid 12.5%	3.2 qt	1.6 gal	2.4 gal	4.0 gal	8.0 gal	20.0 gal
20 ppm	Cal-hypo 73%	2 lb 4 oz	4 lb 9 oz	6 lb 13 oz	11 lb 6 oz	22 lb 12 oz	56 lb 15 oz
	Liquid 12.5%	1.6 gal	3.2 gal	4.8 gal	8.0 gal	16.0 gal	40.0 gal
30 ppm	Cal-hypo 73%	3 lb 7 oz	6 lb 13 oz	10 lb 4 oz	17 lb 1 oz	34 lb 3 oz	85 lb 6 oz
	Liquid 12.5%	2.4 gal	4.8 gal	7.2 gal	12.0 gal	24.0 gal	60.0 gal
40 ppm	Cal-hypo 73%	4 lb 9 oz	9 lb 2 oz	13 lb 11 oz	22 lb 12 oz	45 lb 9 oz	113 lb 14 oz
	Liquid 12.5%	3.2 gal	6.4 gal	9.6 gal	16.0 gal	32.0 gal	80.0 gal

THE TWO PROTOCOLS		chapter 38
Formed stool or vomit	Free chlorine to 2 ppm , pH 7.5 or below, water 77°F or warmer. Hold 30 minutes , 60 minutes if the water carries stabilizer . That is CT 45, for Giardia and norovirus.	
Diarrhea	Free chlorine to 20 ppm , pH 7.5 or below, water 77°F or warmer. Hold 12.75 hours , testing hourly and logging every reading. That is CT 15,300, for Cryptosporidium.	
If you cannot tell	Treat it as diarrhea. The cost of the stronger response is a day. The cost of the weaker one is an outbreak.	

WITH STABILIZER IN THE WATER			1 to 15 ppm of cyanuric acid
FREE CHLORINE	HOLD	AGAINST NO STABILIZER	
20 ppm	28 hours	12.75 hours	The overnight choice is gone
30 ppm	18 hours	8.5 hours	Two shifts
40 ppm	8.5 hours	6.4 hours	The only one that still finishes overnight

Reopening. The model code permits 10 ppm with bathers present and no product label supports more than 4, so 4 is the number a reopening waits on. Backwash to waste and never return that water to the pool. Cartridge and DE media come out and go in the bin. The clock only runs while free chlorine is at or above target, so if it drops at hour nine the hold restarts.