



POWERIT-IPC
Quality products from Gracem Industries Limited
INSTANT POOL CLEANER



Certified to
NSF/ANSI/CAN 60

CHEMISTRY FOR A GREEN WORLD

INTRODUCING



Chemistry that delivers rapid results, maintains pool water pH & reduces Chemical Oxygen Demand (COD).

FEATURES & BENEFITS

Highly soluble white granules with minimum 65% available Chlorine.



Lends alkaline pH to the pool water, making it a safer alternative.



A powerful oxidizing agent that effectively kills germs (including viruses, bacteria, fungi, and algae), degrades organic matter, and eliminates unpleasant odors.



Cost-effective solution with a high concentration of available chlorine, offering better value compared to other disinfectants available in the market.

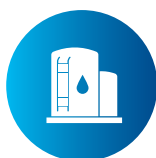


USAGE GUIDELINES



01

Take sufficient amount of water in a container to dissolve chemical completely.



02

Pour solution in Balance tank or Overflow drain.



03

Keep circulation pump on for faster results.



04

Repeat the process on the requirement or Chlorine strength dip below 1 ppm (Please refer to the Dosing Table).

PACKAGING AND STORAGE

The product is available in 15 kg HDPE drums with inner liner protection to preserve quality. Store in a cool, dry, well-ventilated, and shaded area to prevent chlorine loss. Keep containers tightly sealed in their original packaging and under lock and key. Avoid exposure to heat, sparks, open flames, and incompatible substances like acids, organics, or oxidizers. Prevent dust formation and vapor inhalation. Always handle with suitable personal protective equipment, including gloves, protective clothing, and eye/face protection.

DOSING FORMULA

Powerit IPC dosing (grams) = Pool capacity (liters) x Chlorine strength required (ppm) x 140/100000.

Below table has dosing quantity based on pool capacity and chlorine strength required. For example if pool capacity is 1 lakh liter and chlorine requirement is 2 ppm we need to dose 280 grams (Blue colour cell).

Sr No	Chlorine PPM required	0.5 ppm	1 ppm	1.5 ppm	2 ppm	2.5 ppm	3 ppm	5 ppm	10 ppm For Shock treatment
	Pool Capacity (liters)								
1	20000	14	28	42	56	70	84	140	280
2	30000	21	42	63	84	105	126	210	420
3	40000	28	56	84	112	140	168	280	560
4	50000	35	70	105	140	175	210	350	700
5	60000	42	84	126	168	210	252	420	840
6	70000	49	98	147	196	245	294	490	980
7	80000	56	112	168	224	280	336	560	1120
8	90000	63	126	189	252	315	378	630	1260
9	100000	70	140	210	280	350	420	700	1400
10	120000	84	168	252	336	420	504	840	1680
11	150000	105	210	315	420	525	630	1050	2100
12	170000	119	238	357	476	595	714	1190	2380
13	180000	126	252	378	504	630	756	1260	2520
14	200000	140	280	420	560	700	840	1400	2800
15	250000	175	350	525	700	875	1050	1750	3500
16	300000	210	420	630	840	1050	1260	2100	4200
17	350000	245	490	735	980	1225	1470	2450	4900
18	400000	280	560	840	1120	1400	1680	2800	5600
19	500000	350	700	1050	1400	1750	2100	3500	7000
20	600000	420	840	1260	1680	2100	2520	4200	8400
21	700000	490	980	1470	1960	2450	2940	4900	9800
22	800000	560	1120	1680	2240	2800	3360	5600	11200
23	900000	630	1260	1890	2520	3150	3780	6300	12600
24	1000000	700	1400	2100	2800	3500	4200	7000	14000

PRODUCT AND EQUIPMENT REQUIRED

- Calibrated Testing Kit to check chlorine & pH levels
- PPE kit, Gloves, Goggles and Safety shoes
- Weighing Machine, Container and scoop
- POWERIT-IPC

DOSING METHODOLOGY

Take sufficient amount of water in a container to dissolve chemical completely. Dose this solution in Balancing tank/overflow drain/Skimmer etc. Dosing direct in the pool is last option which should be avoided. Never put granules directly in the pool. Always keep pump/filter on while dosing chemicals. Wear PPE kit while dosing of chemicals.

The objective is to maintain 1-3 ppm (or as per recommendation) 24x7. The initial dosing will be for taking chlorine strength to 3 ppm and once it reaches to 1 ppm, dose again for 2 ppm. This methodology will manage chlorine strength between 1 to 3 ppm throughout the day.

Don'ts:

- Avoid high dose of the chemical to eliminate second dosing.
- Never pour water on the chemical. Never dose the chemical directly in the pool.
- Check chemical strength by hand.
- Load water with heavy chemicals to overcome short-term quality issues due to inadequate chemical dosing.
- Don't dose chemical when pH is out of range. The pH should be maintained between 7.2 - 7.8 for best results.

Dos:

- Check pH and chlorine strength before dosing. Calculate the chemical requirement to make 3 ppm and dose in bucket full of water.
- Mix well with a wide non-metallic stirrer with a handle till the time particle dissolves 100%.
- Mix in bucket full of water in balance tank or overflow drain.
- Check chlorine strength frequently and dose the chemical once chlorine strength reaches 1 ppm.
- Always wear a PPE kit while dosing the chemical.
- Keep the drum lid closed after use of the chemical.
- Always dose the chemical in the Balancing tank or Overflow drain.



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