



IDEAL POOL CHEMICAL RANGES

Ideal Pool Chemical Ranges

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- Free Chlorine: 1.0 – 3.0 ppm
- Combined Chlorine: 0.00 – 0.05 ppm
- Total Chlorine: 1.0 – 3.0 ppm
**With Water purification: 0.6 – 1.0 ppm
- Bromine: 3.0 – 5.0 ppm
- Alkalinity: 80 – 120 ppm
- pH: 7.2 – 7.8
- Calcium Hardness: 250 – 350 ppm
- Stabilizer (Cyanuric Acid): 30 – 70 ppm
- Salt Level: 3000 – 3900 ppm
- Copper: 0.00 – 0.03 ppm
- Iron: 0.00

****Calcium Levels should be on the higher end in concrete pools**

****Calcium Levels should be on the lower end in salt pools**

****ALWAYS ADD THE CHEMICAL TO WATER, NEVER ADD THE WATER TO THE CHEMICAL!**

Relative pH of Chemicals

Sanitizers

- Unstabilized Granular Chlorine (HTH Extra): 11.5
- Unstabilized Liquid Chlorine: 12.5
- Stabilized Granular Chlorine: 6.0
- Stabilized Chlorine Tablets: 3.0
- Bromine Tablets: 4.5

Water – Balancing

- Alkajuster: 8.5
- pH Up: 11.3
- pH Down: 1.4
- Stabilizer: 4.5



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Specialty:

- Algaecide 40 – 60%: 6.5
 - Algaecide 5 – 10%: 7.0
 - Clarifier: 7.0
 - Stain and Scale control: 5.0
 - Vinyl Tile and Liner Cleaner: 10.5
 - Filter Cleaner: 1.6
 - Pool Line Anti – Freeze: 8.5
 - Oxidizer: 2.3
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Making Chemical Adjustments

Chlorine

To increase: Unstabilized Granular or Liquid Chlorine

To decrease: Dilute the pool water; keep the pool surface exposed to allow burn off

Alkalinity

To increase: Alkajuster

To decrease: Dilute the pool water

pH

To increase: pH Up

To decrease: pH Down

Salt

To increase: Add salt

To decrease: Dilute the pool water

Copper/Iron

To increase: N/A



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To decrease (if Stain Erase does not work):

- Dilute the pool water
- Stain and Scale Control
- Natural Chemistry Products

Bromine

To increase: Bromine tablets; Oxidizer

To decrease: Dilute the pool water

For more information and other water care products for your Swimming Pool, visit our website at <http://www.PoolSuppliesCanada.ca>