



PRESTIGE POOLS & SPAS



Pool Chemical Cheat Sheet

pH: The ability of your products to work effectively.

- **Desired Range:** 7.2 – 7.8
- **Adverse Effects if Out of Range:** Chlorine doesn't work as well, causes metal stains on in ground pools, irritation of eyes, can cause minor water discoloration.
- **How to Add to Pool:** Broadcast to deep end of pool. Do not add w/in 12hrs of an alkalinity adjustment or shock treatment.

Alkalinity: The buffer for your pH.

- **Desired Range:**
 - Salt Systems: 80 – 120ppm
 - Chlorine Tablet Systems: 100 – 150ppm
- **Adverse Effects if Out of Range:** Allows pH levels to easily fluctuate, causes metal stains on in ground pools, can cause minor water discoloration.
- **How to Add to Pool:** Broadcast to deep end, but never more than 5lbs a time, allowing 30mins between each dosage. Do not add w/in 12hrs of a pH adjustment or shock treatment.

Chlorine: The preferred sanitizer of above ground and in ground pools.

- **Desired Range:** 1.0 – 4.0ppm
- **Adverse Effects if Too Low:** Water turns cloudy or green, chlorine smell, rash on skin.
- **Adverse Effects if Too High:** Bleaching of liner, bleaching of bathing suits, skin irritation.
- **Types of Chlorine**
 - **Tablets:** 1" or 3" tablets dispensed in floaters or in an in-line chlorine feeder
 - **Salt:** Added to water in conjunction with a Salt System.

Shock: A highly concentrated dose of chlorine for weekly maintenance. Also is used to clean up cloudy/green water. Depending on the severity of cloudiness/green tint, use approx.. 3x – 5x the normal amount.

- **Types of Shock**
 - **Liquid:** Once case (4 – 1 Gallon Bottles). Added in front of the return jets, typically in the deep end, one gallon treats 10,000 gallons.
 - **Granular:** 1 – 2lbs treats 10,000 gallons. Pre-dissolve in bucket of water prior to adding to pool.



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Chlorine Stabilizer: Increases the life of the chlorine by 3 -4x.

- **Desired Range**
 - **Salt Pool:** 50 – 80ppm
 - **Chlorine Tablet Pool:** ONLY add 1lb per 4,000 gallons.
- **Adverse Effects if Too Low:** Chlorine levels will dissipate faster than usual.
- **Adverse Effects if Too High:** Chlorine level will “lock” at or above 10ppm.
- **How to Add to Pool:** SLOWLY to skimmer (no more than 1lb/minute) and do not backwash for at least 48hrs afterwards.

Algaecide: Specifically formulated to target and kill various forms of algae.

- **Types of Algaecide**
 - **Algaecide 30:** Standard algaecide. Good for above ground pools.
 - **Algicil:** Twice as strong as Algaecide 30. Good for in ground pools.
 - **Algae Hunter:** 90 day algaecide. Applied when pool is opened and balanced.
 - **Silver Algaecide:** For white water mold (stringy, sticky, white algae).
- **How to Add to Pool:** See bottle for directions. Can be added in conjunction with lower dosages of shock. For higher shock dosages, wait at least 24 hours.

Metal Removers: Designed to chemically lift and prevent metal deposits on pool surfaces.

- **Types of Metal Removers**
 - **Stain & Scale:** Sequestering agent designed to prevent metals (copper & iron) from depositing on surfaces and removing them via filtration/backwashing.
 - **Stain-X:** Sequestering agent for pools who have continuous metal deposits. Will also gradually remove metal deposits.
 - **Ascorb-X:** Powerful metal deposit remover. Will not resolve the cause of the stain, however.
- **How to Add To Pool:** Have BOTH pH and alkalinity balanced and chlorine >2.0ppm

Revive: Powerful flocculent. Drops phosphates, metals and debris to pool floor.

- **How to Add to Pool:** Turn off pool pump. Attach bottle to garden hose and spray entire contents across pool surface until the bottle is empty. Leave pump off for 24-48hrs. Vacuum debris to WASTE in sections to limit clouding of water. Leave pump off between vacuuming sessions to allow debris to resettle.