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# Pool Chemical Usage Guide

Follow these simple steps for safe and effective pool chemical use.

## Chlorine (Ideal level: 1.5 - 3.0 ppm)

- If pool has no automatic chlorination, add CHLORINE to the pool daily. Add preferably late in the afternoon.
- LIQUID CHLORINE - No dilution required. Pour directly into pool.
- STABILISED CHLORINE - Mix in a bucket of pool water until completely dissolved, then pour the solution into the pool.
- GRANULAR CHLORINE - Mix in a bucket of pool water and allow to settle for a few minutes, then pour the dissolved solution into the pool. This should be repeated several times. Any residue needs to be discarded into the rubbish bin.

## Hydrochloric Acid (Ideal level: 7.2 - 7.6)\*

- Pour required amount of HYDROCHLORIC ACID into a bucket of pool water.  
**PLEASE NOTE: Be careful to avoid fumes and contact with skin.**
- Pour the mixture into the pool in front of the pool returns (jets).

## pH Buffer (Ideal level: 80 - 120 ppm)\*

- Dissolve pH BUFFER in a bucket of pool water.
- Pour the mixture into the pool in front of the pool returns (jets).

## Stabiliser (Ideal level: 50 - 70 ppm)

- Add STABILISER to a bucket of pool water and allow to stand for a 10 - 15 minutes. The mixture will turn to a paste. Pour the paste slowly into the skimmer box. (If a filter sock is being used, remove whilst STABILISER is being added.)

## Salt (Ideal level depends on the model of Salt Chlorinator)

- Turn chlorinator OFF or to ZERO PRODUCTION.
- Disconnect automatic cleaner.
- Add SALT to the pool and brush the salt until it is no longer visible.
- Now turn ON the chlorinator and reconnect the pool cleaner.
- Adding AQUASHIELD 3 is recommended every six months or when adding more than six bags of salt.

## Calcium Chloride (Ideal level: 200 - 250 ppm)\*

- **PLEASE NOTE: pH must be below 7.6 and Total Alkalinity must be below 110ppm before adding Calcium to pool. Lower both by adding Hydrochloric Acid.**
- Turn chlorinator OFF or to ZERO PRODUCTION.
- Pour CALCIUM CHLORIDE slowly into the skimmer box.
- Allow filter to run ten to fifteen minutes after calcium has been added before turning chlorinator back ON or increasing the production level.

## Phosphate Treatment (Starver/Phosphate Remover) (Ideal level: <0.2 ppm)

- Shake bottle well before adding.
- For pools with a media filter, add 250mls to the skimmer box daily until the total required dosage has been added. For other types of filters, add 250mls directly to the pool daily (not through the skimmer box).
- Vacuum to waste any phosphate treatment residue on the floor of the pool.
- In cases of high phosphate levels the pool may need to be flocced and vacuumed to waste.

\*Does not apply to fibreglass pools.

# CAUTION

- Never mix chemicals.
- Always add the chemical to water, never add water to the chemical.
- Always have filtration system running when adding chemicals.
- Always keep chemicals out of the reach of children.