

POOL START-UP AND MAINTENANCE—SMALL CHLORINE POOLS UP TO 6,000 GALLONS



DEAR POOL OWNER:

The following is Ultra Modern Pool & Patio's recommendation for your pool's chemical schedule using the BioGuard® 3-Step Program. It is important that you follow the directions for a trouble-free pool. These instructions are for small pools up to **6,000 gallons**.

The maintenance of proper water balance is the single most important factor to maximize the life and appearance of the liner.

Proper technique is important for water testing. Be sure to read and follow the written instructions from the chemical manufacturer.

CHEMICAL SAFETY

- Never let chlorine come into contact with the liner before it has fully dissolved. This means granular chlorine is dissolved first into a bucket of water and likewise liquid chlorine is poured in various locations around the pool and is immediately mixed thoroughly with pool water.
- Never mix chemicals together, rather add chemicals to pool water separately and circulate throughout pool before adding additional chemicals.

- Do not replenish chemicals in pool while pool is occupied. Skin or eye irritations could occur.
- Store chemicals in a cool dry place.
- Keep containers closed when not in use.
- Thoroughly clean empty containers.
- Wash hands thoroughly after handling.

INITIAL MAINTENANCE

- When first setting up your pool — do your initial starting dosage, circulate the water for 24 hours and then bring a water sample to Ultra Modern Pool & Patio. If you are using well water and you have metals in your water, or think you might, add nothing prior to bringing in a water sample as the water could turn cloudy or green.
- We recommend you test your pool water daily as chemical treatment of the water is very important and cannot be over emphasized.
- Recommended pH level is 7.4—7.6. Adjust your pH if it is not at this level. If it is low, add BioGuard Balance Pak 200. If high, add BioGuard Lo'N Slo, following the directions on the container.
- If using Nature 2 — pool water needs to be balanced before Nature 2 is added. Bring a water sample to Ultra Modern's water care department for specific water balance instructions. Do not use Backup Algae Inhibitor – use Algae All 60. After adding the initial starting dosages, run pump and filter 24 hours for four days. Keep chlorine levels at 1-2 ppm throughout the four days which will activate the Nature 2. After four days you can run the pump and filter for a minimum of eight hours a day — if this keeps your water clear. If not, increase the run time. Then follow the daily instructions that came with your Nature 2.

NOTE: Be sure to remove your solar cover before shocking and leave it off for at least eight hours.

INITIAL STARTING DOSAGES :

- Sanitize the water daily using 3" Silk Tabs or hand feed Super Soluble according to directions. Maintain chlorine at a minimum of 1.5 ppm and up to 3 ppm. The more swimmers you have and the warmer the water is, can double your pool's chlorine consumption. Add whatever amount of chlorine it takes to maintain a 1.5 ppm chlorine..
- Oxidize (shock) weekly using 1/2 lbs. Of lithium hypochlorite, one 8 oz. cup out of a 5 lb. Container, per 3,000 gallons of water. **NOTE:** Be sure to remove your cover before shocking and leave it off at least 8 hours.
- Use Algicide weekly by adding 28-10 Algicide. 15.4 ounces initially per 3,000 gallons and a maintenance dose of 1.9 ounces per 3,000 gallons every week.
- Initially you will need stabilizer to protect the chlorine from the sun. This is added at a rate of one pound per 3,000 gallons of water. Pre-dissolve in warm water, then add to the pool.
- See the Dosage Chart below.
- Bring a sample of your water to Ultra Modern Pool & Patio and our water care department will

INTEX POOL GALLONS		STEEL-WALLED POOLS	
10' x 30"	915	12' x 36"	2500
12' x 30"	1353	12' x 48"	3100
12' x 36"	1722	15 x 48"	4775
15' x 36"	2561		
15' x 42"	3110		
18' x 42"	4814		
18' x 48"	5593		

run a complete analysis free of charge (for our chemical customers) and give you our recommendations for start up and corrections. Do this at least twice a season, and always upon pool start-up. Ultra Modern Pool & Patio also has a short chemical film you can watch to help you with your pool maintenance.

RAINY WEATHER:

Add Burn Out 35® or BioGuard® SmartShock™ when or after it rains. Rain water can affect the pH and the sanitizer reading — so be sure to check and adjust pH and chlorine readings immediately.

Bring a sample of your water to Ultra Modern Pool & Patio and our water care department will run a complete analysis free of charge (for our chemical customers) for start up and corrections.

NOTE: Keep pH between 7.4 and 7.6 and chlorine between 1.5 ppm and 3.0 ppm.

NOTE: Always follow label directions and manufacturer's instructions for each product used. Conditions may vary from pool to pool. Ultra Modern

DOSAGE CHART

GALLONS	LITHIUM HYPOCHLO- RITE	ALGEACIDE 28-10 INITIAL	ALGEACIDE 28-10 WEEKLY	STABILIZER
1300—3000	6 oz.	12 oz.	1.5 oz.	1#
3000—4000	8 oz.	16 oz.	2 oz.	1.5#
4000—5000	10 oz.	25 oz.	3.2 oz.	2#
5000—6000	16 oz.	31 oz.	3.8 oz.	2#

SHOPPING LIST

STARTUP KIT #1 (3" Silk Tabs)

#21810	3.5 lb. 3" Silk Tabs	\$ 21.99
#22202	5 lbs. Lithium Hypochlorite	\$ 33.99
#23032	28-10 Algicide	\$ 5.99
#23213	1.75 lbs. Stabilizer	\$ 7.99
#22240	Dual Test Kit	\$ 7.75
#32155	Adjustable Floating Chlorine Dispenser	\$ 10.75
TOTAL		\$88.46

STARTUP KIT #2 (Super Soluble)

#21049	5 lbs. Super Soluble	\$ 33.99
#22202	5 lbs. Lithium Hypochlorite	\$ 33.99
#23032	28-10 Algicide	\$ 5.99
#23213	1.75 lbs. Stabilizer	\$ 7.99
#22240	Dual Test Kit	\$ 7.75
TOTAL		\$80.45

Ultra Modern recommends Super Soluble over floaters because kids have a tendency to play with floaters.

NOTE: Our computerized water analysis is free to our customers. There is a \$10 charge for water test if you do not purchase anything on a previous visit. We flag our customer that only want our knowledge, not our products.

After your water has been analyzed by Ultra Modern Pool & Patio's water care department, you may also need:

WATER BALANCING CHEMICALS:

#23406	4 lbs. Balance Pak 100 (Alkalinity Increaser)	\$ 6.29
#23362	2 lbs. Balance Pak 200 (pH Decreaser)	\$ 3.99
#23435	5 lbs. Balance Pak 300, (Calcium Hardness Decreaser)	\$ 9.79
#23306	3 lbs. Lo N Slo (pH deceiver)	\$ 5.79
TOTAL		\$25.86

We suggest you keep pH increaser and deceiver on hand at all times.

ACCESSORY PRODUCTS:

#23720	Polysheen Blue—4 oz.	\$ 2.99
#67892	ProTeam Metal Magic—1 Qt.	\$16.39

Cartridges — We suggest you keep spare cartridges on hand.

Prices subject to change without notice.

ROUTINE MAINTENANCE

- Keeping pool clean/vacuuming:** Keeping the pool physically clean is as important as the regular additions of chemicals. Debris in the pool is unsightly, increases chlorine demand, and may cause staining of the pool liner. During the swimming season, thoroughly clean the pool at least once a week.
 - Maintain proper water level (you can lose up to 3" of water per week through evaporation, splash outs and backwashing).
 - Skim pool surface with leaf skimmer.
 - Brush walls and floor with proper pool brush (vacuuming time will be decreased).
 - Remove dirt ring from pool surface with BioGuard Off the Wall.
 - Clean out skimmer basket—if applicable.
 - Clean out hair and lint basket—if applicable.
 - Keep area clean near pool.
 - Check hoses and equipment and replace when needed.
 - Vacuum pool bottom weekly. If you have a filter that cannot be used with a vacuum cleaner, we suggest you use the mini-vac garden hose vacuum cleaner.
- Filter Maintenance:** Initially, you will need to clean the cartridge inside of your filter in a week or two by rinsing it with a garden hose. After that you should check the filter cartridge periodically. If it's brown, it needs to be cleaned by rinsing it with a garden hose and soaking it in a solution of water and filter cleaner. If it does not come clean, you will need to replace it. If your pool is cloudy and your chemical balance is okay, most likely you need to clean your filter. If it does not come clean, you will need to replace the cartridge with a new one. We recommend having spare filter cartridges on hand. We recommend you run your filter a minimum of eight hours a day for best water clarity.
- Check filter system — the filter system is designed to remove debris by circulating the pool water and screening out insoluble particles. Chemicals alone do not keep the pool water clean. The importance of proper filtration cannot be overemphasized in the overall program of sound pool maintenance and sanitary water.
- Cover your pool daily with the cover provided to save on chemicals and keep debris out. Covers are not safety covers. Keep children and pets off. Covers should be removed entirely before using pool.

PROBLEM	SYMPTOM	CAUSE	REMEDY
Algae	Green or brown algae, green water, slippery surfaces, cloudy water	Insufficient free chlorine	Adjust pH, shock, add Algaecide—See Ultra Bulletin #116
Black Algae	Black algae spots	Insufficient free chlorine	Adjust pH, scrub spots then add chlorine product or Banish—See Ultra Bulletin #117.
Chlorine Odor	Strong odor, burning eyes	Insufficient free chlorine, existence of chloramines	Adjust pH, shock with Burn-Out Extreme or Burn Out 35. See Ultra Bulletin #114.
Cloudy Water	Hazy, cloudy water, lack of sparkle	Low total alkalinity	Add Balance Pak 100
		Early Algae growth	Shock with Burn Out Extreme or Burn Out 35
		Poor Filtration	Check filter
		Calcium suspension	Add Polysheen Blue, Sparkle Up or Powerfloc
		High pH	Add Lo'N Slo®
		Low calcium hardness	Add hardness treatment, Balance Pak 300
Eye & Skin Irritation	Red Eyes, itching skin	Improper pH	Adjust pH
		Chloramines	Shock w/Burn Out Extreme or Burn Out 35
Scale Formation	Scale deposits on walls, pipes, filters & heater	High pH	Adjust pH and use Scale Inhibitor
		High hardness	Use Scale Inhibitor
Colored Water	Brown	Iron	Adjust pH, Shock, add Flock or Pool Magnet Protector
	Black	Manganese	
	Blue Green	Copper	
Corrosion of Metals	Metal corrosion, rust stains, copper stains, colored water	Low pH	Add Balance Pak 200
High Chlorine Consumption	Excessive sanitizer usage	Heavy bather load, dirt, high temperature	Shock with Burn Out or Burn Out 35
		Low stabilizer	Add Stabilizer 100
		High pH	

ABC's OF POOL WATER CARE (for conditioned pools)

Here's a simple program you may wish to follow:

- SUNDAY — shock treatment with Burn Out® Extreme or Burn Out® 35, the next day follow with an addition of Algicide (Back Up or Algae All 60).
- Chlorinate per manufacturer's instructions using a BioGuard® sanitizer.
- WEEKLY — test pool water, vacuum, brush and clean pool.

Copyright ©2006 ULTRA MODERN POOL & PATIO, INC.



Guarding more than your pool.

#106

JULY—2007

POOL START-UP & MAINTENANCE SMALL CHLORINE POOLS UP TO 6000 GALLONS



Ultra Modern Pool & Patio

WWW.ultramodern.com

E-mail: ultra@ultramodern.com

8100 W. Kellogg
Wichita, KS 67209
316-722-4308

Toll Free: 800-888-5872
E-mail: west@ultramodern.com

5620 E. Kellogg
Wichita, KS 67218
316-681-3011

Toll Free: 866-258-5872
E-mail: east@ultramodern.com

1420 Nelson Dr.
Derby, KS 67037
316-788-1122

E-mail: derby@ultramodern.com