



America's trusted brand since 1968



HAVILAND

**High compression tablets. Cutting edge technology. Advanced formula.**

## FEATURES & BENEFITS

- Increased chlorine efficiency
- Continued use will make water gentle to swimmers
- Higher pH than traditional chlorine tablets
- Does not cause cloudy water
- Protects pool equipment for longer life
- For use in a chlorine feeder
- Provides continuous protection against bacteria and algae

## APPLICATION

Add product to feeder and adjust the feeder as needed to maintain an ideal sanitizer level of 1.0–1.5 ppm in the pool water. Regular use of a test kit is recommended to make certain adequate levels of sanitizer and proper pH are being maintained in the pool water.

Routine Maintenance: Test pool water regularly (at least weekly) and check feeder weekly, refilling as needed.



Less skin & eye irritation

Reduces pH bounce

Extends life of equipment & liner

Increases chlorine efficiency

# How does your tab stack up?

## Ask about our chlorine rebates

Contact [marketing@havilandusa.com](mailto:marketing@havilandusa.com)



## DURACHLOR® 1" TABLETS 3" TABLETS

SIZES | 2 LB. | 4 LB. | 10 LB. | 25 LB. | 50 LB.

SIZES | 4 LB. | 10 LB. | 16 LB. | 25 LB. | 50 LB.

**A chlorinating concentrate for swimming pools. Stabilized chlorine.**

## FEATURES & BENEFITS

- Contains 90% available chlorine
- Created without gummy binders
- Provides continuous protection against bacteria and algae
- Provides steady levels of chlorine into pool
- Slow dissolving, long lasting
- Protected from UV rays

## APPLICATION

Place tablets in the skimmer basket or suitable feeder to maintain chlorine level between 1 to 2 ppm. If chlorine residual is too high or low, adjust number of tablets in skimmer basket or make necessary adjustments of feeder to maintain proper level. Under normal conditions, 1 or 2 ounces of this product daily for each 10,000 gallons of pool water will maintain proper chlorine level. Do not place any other chemicals with this product in the skimmer basket or feeder.



## Concentrated, Stabilized, Slow-Dissolving Sticks.

### FEATURES & BENEFITS

- Contains 90% available chlorine
- Eight ounce sticks
- Continuously protects against bacteria and algae
- Routine maintenance chlorine
- Breaks down organic contaminants

### APPLICATION

Place sticks in skimmer basket or suitable feeder to maintain chlorine level between 1 to 2 ppm.

If chlorine residual is too high or low adjust number of sticks in skimmer basket or make necessary adjustments of feeder to maintain proper level.

Under normal conditions 1 or 2 ounces of the product daily for 10,000 gallons of pool water will maintain proper chlorine level.

Do not place any other chemical with this product in the skimmer basket or feeder.



# ULTRA BROM™

SIZES | 25 LB. | 50 LB.

## Slow dissolving brominating tablets for pools. Delivers a consistent and reliable sanitizer to water.

### FEATURES & BENEFITS

- Ideal for indoor pools and spas
- Low odor
- Prevents algae outbreaks, growth and kills bacteria
- Algaecidal properties, Controls bacteria
- Lasts longer than unstabilized chlorine in the sun pH 4.0

### APPLICATION

When using other products in conjunction with this product, follow the instructions on those products.

NEVER mix different products together in the same bottle, pail, or similar container.

Adjust pH of pool water to the range of 7.2-7.6.

When initially feeding this product into the pool establish a bromine residual of 2-4 ppm.

If a bromine feeder or brominator is being used to establish bromine residual, start by increasing the brominator to the highest setting or feed rate, according to the manufacturer's instructions.

Once there is a residual of 2-4 ppm of bromine reduce the setting of the brominator to deliver a consistent level of bromine to the water.

Test water frequently using testing strips or a test kit to ensure proper sanitizer levels.

Do not re-enter swimming pool until bromine residual is 4 ppm or less as determined by a bromine test kit.

# SUPER 90

SIZES | 2 LB. | 25 LB.

## Highly concentrated, routine maintenance chlorine and algaecide.

### FEATURES & BENEFITS

- Provides 90% available chlorine
- Black algae treatment
- Only to be used in pools with surfaces that will not bleach
- Stabilized
- Not recommended for use with vinyl liner pools

### APPLICATION: ALGAE TREATMENT

Turn off pump before application.

Brush algae spots with a steel brush before adding this product.

Sprinkle this product directly over the pool walls and floor on which algae appears. Use approximately 1 pound per 10,000 gallons of pool water. For severe cases the dosage may be doubled.

Filter pump can be turned on after this product has been in the pool for at least 8 hours.



**Effectively controls bacteria and algae while helping maintain sparkling clear pool water.**

## FEATURES & BENEFITS

Provides 62% available chlorine  
Chlorinating concentrated granules  
For shocking and everyday chlorination  
Ultra fast dissolving granular particles  
Will not cloud water or cause scale  
UV Protected

## APPLICATION

Initial & Routine Application: Initially treat pools with circulation pump on by adding 3 to 4 ounces for every 10,000 gallons of pool water. Repeat additions until chlorine levels reach 1-3 ppm.  
Add this amount directly to the deepest end of the swimming pool.  
Use a pool brush on surfaces if this product settles on bottom of pool surfaces.  
Never allow un-dissolved product to rest in contact with pool surfaces.

Regular additions of 1 to 2 ounces of this product will be necessary to maintain 1-3 ppm of free available chlorine at all times.

This is regardless if pool is dormant or receives consistent use.

Actual dosages of product required to maintain the desired free chlorine residual will vary with sunlight, water temperature, bathing load, and other factors.

Use a test kit frequently to determine and maintain the proper free chlorine residual.

# 56 GRANULAR

**All-in-one product for maintenance.**

## FEATURES & BENEFITS

Fast acting  
Provides 56% available chlorine  
Concentrated, stabilized sanitizer  
Quick dissolving  
Stabilized chlorinating granules  
Eliminates swimmer contaminants such as oils, sweat, lotions and urine

## APPLICATION

Add 2 oz. of this product per 1,000 gallons of pool water. This product should be added daily or as needed at the rate of 1/2 to 1/4 oz. per 1,000 gallons of pool water to maintain a chlorine residual at all times of 1.0 ppm to 2.0 ppm as determined by a suitable test kit.  
The pH should be maintained between 7.2 and 7.6. A shock treatment should be made every week during hot weather or after heavy rains.  
Less frequent shock treatments may be made during cooler weather.



# ASSAULT 73

**A chlorinating concentrate for swimming pools.**

## FEATURES & BENEFITS

This calcium hypochlorite product is a dry granular free flowing material that contains a minimum of 70% available chlorine.  
It provides a rapid source of a chlorine-containing disinfectant that protects the pool against the growth of bacteria and algae to help keep the pool in a sanitary condition.

## APPLICATION

Adjust pH between 7.2 and 7.4 prior to shocking or superchlorination. Add this product at night or when the pool is not in use.  
To prevent problems, shock at least once per week during periods of heavy use or when water temperatures are above 80°F and once every two weeks in residential pools receiving normal usage.  
Maintain operation of the pump and filter. Do not enter the pool until the free chlorine residual has dropped to 4.0 ppm or less as measured using a suitable test kit.  
Between treatments with this product, continue to maintain the proper water balance and

sanitizer level in your pool as recommended on the label of your normal pool sanitizer.

Add 5 ounces of this product to every 5,000 gallons of water to yield 5-10 ppm available chlorine.





**Shock treatment & superchlorinator for weekly treatment of algae & bacteria in swimming pools.**

## FEATURES & BENEFITS

- Exclusive Technology
- Kills algae
- Destroys bacteria and organic contaminants
- Restores a crystal clarity to pool water and enhances water quality
- Contains no cyanuric acid
- Works in all pool types
- Will not calcify filters

## APPLICATION

Adjust pH between 7.2 & 7.4 prior to shocking. Add 8 oz. of this product to every 5,000 gallons of water. Maintain operation of your pump and filter.

Treatment should be done at night or during a period when the pool is not in use.

Do not enter the pool until the free chlorine residual has dropped to 3.0 ppm or less as measured using your test kit.



# QUICK SHOCK

SIZE | 1 LB.

**Suitable for opening pools and pool closings.**

## FEATURES & BENEFITS

- Ideal for maintenance in small pools
- Granules are completely soluble
- Restores water clarity
- Controls algae and bacteria

## APPLICATION

For the shock treatment, add 2 oz. of this product per 1,000 gallons of pool water.

Swimmers should not be permitted in the pool after the shock treatment until the chlorine residual has reached 1.0 ppm to 2.0 ppm range.

Reentry into treated swimming pool is prohibited above levels of 3.0 ppm of chlorine.



# MULTI SHOCK EXTRA

SIZES | 1 LB. | 25 LB.

**Buffered shock treatment for crystal clear water.**

## FEATURES & BENEFITS

- Multifunctional Shock
- Shock, Algaecide and Stabilizer in one
- Swim in 15 minutes
- Controls algae and bacteria
- Will not cloud water or cause scale
- Quick dissolving
- Produces sparkling swimming pool water
- For use with all pool surfaces

## APPLICATION

**MAINTENANCE DOSAGE:** With pump running, broadcast 4–6 ounces of this product per 10,000 gallons directly into the water in the deep end of the pool as an initial treatment.

Repeat additions until a residual of 1–3 ppm chlorine is established as determined by the use of a test kit.

Never allow undissolved product to rest in contact with bleachable pool surfaces.

**SUPERCHLORINATION:** With the pump running, broadcast 1 pound of this product per 6,000 gallons directly into the water.



## COMPLETE SHOCK

SIZES | 1 LB. | 25 LB.

**Chlorine free oxidizing shock with added clarifiers, buffers and stain preventatives.**

### FEATURES & BENEFITS

- Reacts quickly to improve sparkle and help prevent pH bounce
- Provides useful oxidation preventing the formation of combined chlorine
- Compatible with pools using chlorine, bromine, copper-silver ionization and chlorine generators
- Can be used in any pool, ideal for vinyl lined pools
- Gently scented
- Will not bleach or fade vinyl liners

### APPLICATION

- Clean filter as needed and adjust water balance.
- Broadcast product over the entire surface of the water. Brush any undissolved material off surfaces.
- In most cases, 1 pound treats 10,000 gallons of pool water.
- Use Complete Oxidizing Shock weekly. It can be used before or after heavy swimmer use.
- Pool use may resume 15 minutes after applying.



## WIPE OUT

SIZES | 1 LB. | 2.2 LB. | 10 LB. | 25 LB. | 50 LB.

**Unblended potassium monopersulfate. Useful shock for all halogen sanitizers, indoor or outdoor pools.**

### FEATURES & BENEFITS

- Non-chlorine shock treatment
- Rapid dissolving product
- Quickly oxidizes undesirable and complex compounds
- Compatible with all sanitizers, except biguanides
- Does not cloud water
- Can be used in any pool, ideal for vinyl liner pools
- Restores sparkle and clarity to dull water
- No pre-dissolving
- Swim 15 minutes after applied to the pool

### APPLICATION

- Clean filter as needed and adjust water balance.
- Apply product when pool is not in use and with the pump running.
- Add product to pool by broadcasting over surface of the water.
- In most cases, use 1 pound per 10,000 gallons of water.
- Use weekly or after heavy swimmer use, heavy rain or wind.
- Wait 1 day before testing for available chlorine.



## CHLOR OUT

SIZES | 2 LB. | 25 LB.

**Quickly reduces excess bromine and chlorine levels from the pool water. Great for use after algae treatments and accidental additions.**

### FEATURES & BENEFITS

- Contains: Sodium thiosulfate
- Crystalline product
- Very rapid dissolving product
- Contains no organics
- Quickly removes chlorine and bromine from water

### APPLICATION

- Use the guide below to calculate the dosage of the product.
- Apply with the pump running.
- Broadcast over the surface of the water. Do not add to the skimmer.

To Reduce Chlorine or Bromine Levels	Dosage per 10,000 gallons of water
5 ppm	0.75 lb
10 ppm	1.5 lbs
20 ppm	3 lbs



## pH UP

SIZES | 2 LB. | 5 LB. | 10 LB. | 20 LB. | 25 LB. BOX | 50 LB.

**Increases the pH of pool water for proper balance.**  
**Ideal range is 7.2–7.6.**

### FEATURES & BENEFITS

Contains: Sodium carbonate  
pH 11.4  
Granular product  
Prevents corrosion and protects surfaces

### APPLICATION

If a pH base test cannot be performed, add this product using the table below.

pH Level	Dosage per 10,000 gallons of water
6.8 – 7.1	1 lb
< 6.8	1.5 lbs



## pH DOWN

SIZES | 3 LB. | 5 LB. | 14 LB. | 25 LB. | 30 LB. BOX | 50 LB.

**Lowers pH and alkalinity in the pool water.**  
**Ideal range is 7.2–7.6.**

### FEATURES & BENEFITS

Contains: Sodium bisulfate  
pH <1 (5% solution)  
Granular product  
Also known as "dry acid"  
Prevents scaling

### APPLICATION

If an acid demand test cannot be performed, add this product using the table below.

pH Level	Dosage per 10,000 gallons of water
7.8 – 8.0	12 oz.
8.0+	1.5 lbs



## HARDNESS INCREASER

SIZES | 4 LB. | 10 LB. | 25 LB. | 25 LB. BOX | 50 LB.

**Raises calcium hardness to prevent long term damage to the pool and its equipment. Ideal range is 200–400 ppm.**

### FEATURES & BENEFITS

Contains: Calcium carbonate  
Eliminates a cause of pool components failing prematurely.  
Granular product

### APPLICATION

Apply as needed, with the pump running and using the table below.  
When increasing hardness more than 30 ppm, divide the dosage into thirds and apply every two hours.  
Brush product that does not dissolve on the pool bottom.

To Raise Hardness	Dosage per 10,000 gallons of water
10 ppm	1.2 lbs
30 ppm	3 lbs
50 ppm	6 lbs



## ALKALINITY INCREASER

SIZES | 5 LB. | 10 LB. | 25 LB. | 30 LB. BOX | 50 LB.

**A dry, granular product used to raise total alkalinity. Ideal range is 80–120 ppm.**

### FEATURES & BENEFITS

Contains: Sodium hydrogen carbonate  
pH 8.2  
Powdered product  
Prevents "pH bounce"

### APPLICATION

Apply as needed, with the pump running and using the table below.  
When increasing alkalinity more than 30 ppm, divide the dosage into thirds and apply every two hours.

To Raise Alkalinity	Dosage per 10,000 gallons of water
10 ppm	1.4 lbs
30 ppm	3.5 lbs
50 ppm	7 lbs



## STABILIZER

SIZES | 1 LB. | 2 LB. | 4 LB. | 10 LB. | 25 LB. | 25 LB. BOX | 45 LB.

**Prevents loss of chlorine to the ultraviolet rays of the sun. Reduces pool operating costs. Ideal range 30–70 ppm.**

### FEATURES & BENEFITS

Contains: Cyanuric acid  
Slow dissolving granular product  
Reduces chlorine loss due to UV rays  
For most pools, this is just a once a year water treatment

### APPLICATION

Apply only as needed with the pump running. Table shown indicates application rates.  
If pool is equipped with plastic piping, Stabilizer may be added to the skimmer VERY SLOWLY.  
Continuously run pump for 48 hours. Avoid backwashing filters during this time.

To Raise CYA Levels	Dosage per 10,000 gallons of water
10 ppm	1 lb
30 ppm	2.5 lbs
50 ppm	4 lbs

Stabilizer can be broadcasted across the surface of the pool. Though safe for all surfaces, undissolved material should be brushed or SLOWLY vacuumed



**Activator is specially formulated to enhance water quality by improving filtration and controlling algae. Use of this product promotes sparkling, clear water and reduces eye and skin irritation for swimmers.**

## FEATURES & BENEFITS

Water is noticeably more comfortable to swimmers  
Time balancing water is reduced  
Inhibits scale from accumulating on surfaces and equipment  
Reduces filter maintenance  
Improves water clarity  
Compatible with ALL sanitizers  
Not affected by UV rays  
Increased sanitizer efficiency  
May help in reducing operating costs

## APPLICATION

For initial application, introduce two pounds of Activator per each one thousand gallons of pool water by broadcasting the material over the surface are of the pool with a pump running.  
This initial treatment must be added in two doses with one half of the necessary amount being added in each application.  
For initial pH adjustment use 3/4 pound Durachlor pH Down or 10 ounces of muriatic acid for each pound of Activator, mixing acid in a bucket of water, then add to pool.



### ACTIVATOR DOSAGE CHART

Number of pounds to raise Activator level by:

Gallons	10 ppm	20 ppm	30 ppm	40 ppm	50ppm
5,000	3.5 lbs	7 lbs	10 lbs	14 lbs	17 lbs
10,000	7 lbs	14 lbs	20 lbs	27 lbs	34 lbs
20,000	14 lbs	28 lbs	40 lbs	54 lbs	68 lbs
25,000	17 lbs	34 lbs	50 lbs	67 lbs	84 lbs
50,000	34 lbs	68 lbs	100 lbs	134 lbs	168 lbs

### ACTIVATOR PH ADJUSTMENT

If you add this much Activator to a pool, you will need to reduce the pH by adding an appropriate amount of pH Decreaser or Muriatic Acid:

Activator	pH Down	Muriatic Acid
1 lbs	0.75 lbs	10 oz
10 lbs	7.5 lbs	.75 gal
20 lbs	15 lbs	1.5 gal
30 lbs	21.5 lbs	2.5 gal
50 lbs	37.5 lbs	4 gal

# ACTIVATOR PLUS

SIZES | 20 LB. | 30 LB. BOX | 45 LB.

**Activator Plus makes the water feel soft and look crystal clear without having to adjust the pH after applying. Activator Plus is not an algaecide replacement.**

## FEATURES & BENEFITS

Water is noticeably more comfortable to swimmers  
Time balancing water is reduced  
Inhibits scale from accumulating on surfaces and equipment  
Reduces filter maintenance  
Improves water clarity  
Adds sparkle to water  
Compatible with ALL sanitizers  
Not affected by UV rays  
May help in reducing operating costs



**Having customers use the ACTIVATOR PROGRAM will result in great looking pool water and customers returning to your store**

## TO START

### Add Activator to your pool.

This initial step will help ready the pool for the season and help make everything else added to the pool more effective. Additionally, Activator suppresses algae, softens the water, and water balance becomes easier.

## TO MAINTAIN

### Sanitize DAILY with Multi Tabs

Everyday a chlorine (or bromine) product needs to be introduced to the pool. Chemical feeders make this job easy for the homeowner, especially if they are built into the equipment of the pool.

### Shock WEEKLY with any shock

Removing all the extra contaminants in swimming pool is a must. All of our products are packaged in convenient pre-measured 1 pound bags.

### Clear pool WEEKLY with Combat 60 or Micro Clean

Consistent additions will maintain sparkling clear water, while reducing the amount of sanitizer used.



For fast treatment of yellow and mustard algae in swimming pools.

FEATURES & BENEFITS

- Dissolves quickly
- Leaves no residue
- May be used in all types of pools

APPLICATION

Immediate Treatment: To remove visible yellow or mustard algae: (All dosages are for 10,000 gallons of water). Brush walls and floor areas affected by yellow algae accumulations.

Apply 4 oz. of this product as close to the affected areas as possible.

For severe accumulations, double the above dosage.

Superchlorinate by following directions of this product's label. Swimming may be resumed a few hours after treatment.



This algacide provides effective prevention/control of algae growth in all types of swimming pools.

FEATURES & BENEFITS

- For use against severe outbreaks of blue-green, black and mustard algae
- Concentrated formula

APPLICATION

Dilute this product with at least 9 parts of water and sprinkle around edge of pool. Add additional amounts of this product every two weeks according to the directions in the dilution chart below.

DILUTION CHART FOR SWIMMING POOLS		
Pool Capacity Gallons	Initial Treatment (fl. oz.)	Every Two Weeks (fl. oz.)
5,000	2 – 5	1 – 2.5
10,000	3.5 – 10	2 – 5
20,000	7 – 20	3.5 – 10
30,000	10.5 – 30	5.5 – 15
40,000	14 – 40	7 – 20
50,000	17.5 – 50	9 – 20



This product is used to eliminate and control all types of stubborn pool algae growth in swimming pools. Not only does this product rid pools of algae, our unique formula contains a special clarifying agent to help clear water fast. This product can be used routinely, with most chlorine and bromine sanitizing systems, for water that remains algae free during the year.

FEATURES & BENEFITS

- Effective against black, green and mustard pool algae
- Controls stubborn algae
- pH neutral
- Non-foaming
- Swim in 15 minutes after application
- Compatible with bromine and chlorine sanitizing systems
- Prevents regrowth

APPLICATION

Superchlorinate pool water prior to application and circulate 1 to 2 hours before moving to next step.

Pools having light to medium pool algae growth, add 16 fluid ounces of this product per 10,000 gallons of water directly to the pool with the pool pump operating.

Pools with heavy algae growth, add 24 fluid ounces per 10,000 gallons of water.

Brush pool to increase circulation and to remove algae from pool walls and bottoms.

Black algae must be brushed vigorously before and after application for best results.

After applying, continuously operate pool pump for 24–48 hours. In cases of persistent algae, repeat brushing and product application after 3–4 days.



## COMBAT 60 COMBAT 30

SIZE | 1 QT.

SIZE | 1 QT.

All Combat formulas are compatible with chlorine, bromine, and mineral sanitizers. Several concentrations to suit your market needs.

### FEATURES & BENEFITS

Contains polyquat  
Non-foaming  
Non-metallic  
Non-staining  
pH neutral  
Not affected by high chlorine residual  
Consistent use can reduce the amount of chlorine normally required



### PREVENTION APPLICATION

The dosages below are for those pools opening for the season or those that wish to start an algaecide program. The weekly maintenance dose should be added more frequently if the pool is exposed to heavy rain or windy conditions.

	Initial treatment per 10,000 gallons
Combat 60	6 - 11 oz.
Combat 30	13 - 24 oz.

	Weekly Maintenance dose after initial treatment per 10,000 gallons
Combat 60	2 - 4 oz.
Combat 30	4 - 9 oz.

### ALGAE TREATMENT APPLICATION

Clean filter as needed and adjust water balance  
If present, treat for metals or high calcium levels with appropriate stain and scale product  
Add the appropriate amount of product using the chart below  
For best results, when using this product in conjunction with a superchlorination treatment, circulate for several hours before proceeding with the superchlorination treatment  
Ideal treatment for service professional.  
High chlorine levels will not affect product performance.

	Treatment dose for light to moderate algae per 10,000 gallons
Combat 60	11 - 17 oz.
Combat 30	24 - 36 oz.

## ALGAE KIL 50 ALGAE KIL 10

SIZE | 1 QT.

SIZES | 1 QT. | 1 GAL.

Algae Kil products are compatible with all sanitizing and maintenance systems. Effective for preventing and eliminating algae.

### FEATURES & BENEFITS

Contains quaternary ammonium chloride  
Non-staining  
Decreases maintenance time



### PREVENTION APPLICATION

The dosages below are for those pools opening for the season or those that wish to start an algaecide program. The weekly maintenance dose should be added more frequently if the pool is exposed to heavy rain or windy conditions.

	Initial treatment per 10,000 gallons
Algae Kil 50	32 oz.

	WEEKLY Maintenance dose after initial treatment per 10,000 gallons
Algae Kil 50	5 oz.
Algae Kil 10	24 - 26 oz.

### ALGAE TREATMENT APPLICATION

Clean filter as needed and adjust water balance.  
If present, treat for metals or high calcium levels with appropriate stain and scale product  
Add the appropriate amount of product using the chart below  
For best results, when using this product in conjunction with a superchlorination treatment, circulate for several hours before proceeding with the superchlorination treatment

	Treatment dose for light to moderate algae per 10,000 gallons
Algae Kil 50	32 oz.
Algae Kil 10	64 oz.

## RUST-N-SCALE METAL WIZARD

SIZE | 1 QT.

SIZE | 1 QT.

**Two great products with their own unique features.**

### FEATURES RUST-N-SCALE

- Crystallizes metals in the water, allowing the filter to remove them from the pool water
- Removes stains from all pool surfaces
- Removes scale
- Compatible with all filtration types
- Decreases elevated levels of calcium hardness
- Prevents staining and scaling
- Protects plumbing and equipment
- Can be used to solve existing water issues or prevent bad water from causing issues

### FEATURES METAL WIZARD

- Chelates metal particles and prevents staining of pool surfaces
- Treatment for removing fresh stains from pool surfaces
- Removes scale
- Compatible with all filtration types
- Higher tolerance to chlorine and temperature than Rust-N-Scale
- Lasts longer in the water than Rust-N-Scale
- Can be used to solve existing water issues or prevent bad water from causing issues

### APPLICATION

Clean filter and adjust pH to 7.5 or higher. Best results will occur when water temperature is above 60°F.

#### TREATMENT:

Remove or turn off metal delivery systems (Nature 2, Frog) and salt generators.

Add 1 quart per 10,000 gallons of water.

#### MAINTENANCE:

Rust-N-Scale: 3 ounces per 10,000 gallons weekly.

Metal Wizard: 32 ounces per 25,000 gallons monthly.

## STAIN ELIMINATOR

SIZE | 2 LB.

**Dry formula that works extremely fast to remove staining due to copper, iron and manganese.**

### FEATURES & BENEFITS

- Removes tough metal stains from surfaces
- Safe and easy to use
- Near instant results
- Works together with Rust-N-Scale for maximum efficiency
- Phosphate free

### APPLICATION

Clean filter as necessary.  
Balance pH between 7.2 and 7.6.  
Add at the rate of 1 lb. per 10,000 gallons into the pool water. Stains should be coming off within an hour. Stains will continue to lighten for up to 24 hours.  
After 24 hours, add 1 qt. of Rust-N-Scale after applying the Stain Eliminator to prevent stains from returning.



## RUST-N-SCALE PREVENTER

SIZES | 2 LB.

**This dry formula will halt the formation of stains on surfaces due to common metals present in the water.**

### FEATURES & BENEFITS

- Dry chelating agent
- Prevents stains and discoloration of water by holding metals in solution
- Compatible with all filters
- Protects plumbing and equipment
- Phosphate free
- Safe for all surfaces
- Safe for all equipment including heaters

### APPLICATION

Clean filter as necessary and balance the water.  
TREATMENT:  
Adjust pH between 7.2 and 7.6.  
Add 2 lb. per 10,000 gallons of water over the surface of the water. Double dose if metal in the water exceeds 2.0 ppm.  
Circulate for 48 hours.  
Use a maintenance dose regularly if excessive calcium or metals are present in fill water.  
MAINTENANCE:  
Apply 2-4 ounces per 10,000 gallons of water weekly. Double dose if metal in water exceed 1.0 ppm.



## FILTER CLEANER

SIZE | 1 QT.

**Hard working, deep penetrating cleaner that degreases all filters without harm to the media.**

### FEATURES & BENEFITS

- Contains strong cleaning compounds and releasing agents
- Complex formula created with wetting agents and surfactants
- Effective for use with all filters
- Quickly loosens material buildup in filters
- Increases filter efficiency
- Extends the life of the filter media

### QUICK CLEAN FOR SAND FILTERS:

With pump running and filter in the backwash position, add 6 to 16 ounces of this product into the skimmer. Remove the basket and other materials from the skimmer before adding the product.

### OPTIONAL SAND FILTER CLEANING:

Add this product directly into the filter media and let it soak for 4 hours or longer. After 4 to 8 hours, with the filter valve in the backwash position, start the pump. Continue normal filter operation once the discharge is clear.

### CARTRIDGE AND D.E. FILTER CLEANING:

Remove filter media from the holding tank and rinse off any excess debris from the filter pleats. Spray this product directly on to the filter pleats, start at the top and work down the filter. Allow cleaner to stand a minimum of 5 minutes before rinsing the filter.

### OPTIONAL CARTRIDGE AND D.E. FILTER CLEANING:

In an appropriate sized pail, add 16 ounces of this product to 2 1/2 gallons of fresh water. Allow the filter media to soak for 30 minutes, then remove and rinse. Do not soak filters in steel, aluminum or metal containers.

## CONCENTRATED CLARIFIER

SIZE | 1 QT.

**Water additive for clearing hazy water quickly by removing small un-filterable particles from the pool.**

### FEATURES & BENEFITS

- Unique, multivalent, cationic polymer
- Takes fine water particles and forces them together to form larger ones
- Does not affect water balance
- Effective with all sanitizers
- Easy to use
- Small dosages required
- Works with all filter types

### APPLICATION

Clean filter as necessary and balance the water.

For an initial dose, add 4 ounces per 10,000 gallons of water.

Maintain excellent water clarity by adding 2 ounces per 10,000 gallons of water weekly.

For best results, dilute dose in a pail of water and then broadcast over the pool surface.

Continuously circulate the pool for a minimum of 8 hours after application.



## ANTI FOAM

SIZE | 1 QT.

**Quickly eliminates foam from pool and spa water. Continued use will prevent foam from returning.**

### FEATURES & BENEFITS

- Prevents foam from starting and reoccurring
- Acts immediately on contact
- Biodegradable ingredients
- Compatible with all sanitizer types
- Will not clog filters

### APPLICATION

Apply product when pool is not in use and with the pump running.

Add 1 ounce directly to the surface of the water where the foaming is most prevalent.

Continue to add in other areas of the pool, allowing 1 to 2 minutes between applications.



## SPOT STAIN REMOVER

SIZE | 1 QT.

**A thick, concentrated formula that will cut through most surface stains.**

### FEATURES & BENEFITS

- Cleans stubborn stains and scale
- Removes efflorescence from hard surfaces
- Thicker than other cleaners, clings to surfaces for easy cleaning
- May be used on plastic, vinyl, fiberglass, ceramic and painted surfaces
- AVOID metallic surfaces
- Compatible with all sanitizer types

### APPLICATION

- Apply to a damp sponge or brush and scrub the pool surface at water level.
- Spot test on all surfaces in an inconspicuous area before proceeding.
- Rinse treated surfaces thoroughly.
- To remove heavy stains, allow cleaner to soak on the stain for 5 to 10 minutes before scrubbing or rinsing.
- Only use a soft bristle brush or sponge on vinyl surfaces.



## SUPER FALL OUT

SIZE | 1 QT.

**Our fastest acting and most concentrated liquid flocculent for swimming pool water. Water clarifiers are added to speed up the time between cloudy and clear.**

### FEATURES & BENEFITS

- Concentrated floccling agent in a liquid form
- For use on all pool types and surfaces
- Compatible with all sanitizers
- For use with pools that can move water out of its system entirely, typically called "waste"
- Continuous suppression for up to 72 hours
- Contains no alum
- Fast acting

### APPLICATION

- Shake bottle thoroughly before applying to the pool
- Adjust pH to 7.8 or greater
- Add 16 oz. per 20,000 gallons of water evenly over the water surface. Add 30 oz. per 20,000 gallons for severely cloudy pools.
- Allow the pump to run for approximately one to four hours. Brush the pool surfaces for best results. After the allotted amount of time, turn the pump off and allow the water to remain still.
- Once there is a separation between clear and cloudy water in the pool, SLOWLY vacuum the separated material directly out of the pool.



## PHOS AWAY

SIZE | 1 QT.

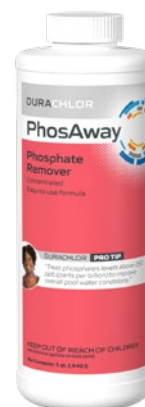
**An effective formula used to reduce the amount of phosphates present in the water via filtration.**

### FEATURES & BENEFITS

- Specially formulated chemistry used to remove phosphates
- Eliminates a food source for algae
- Allows the sanitizer to work more efficiently in the water
- Decreases filter maintenance
- Reduces pool maintenance and related costs

### APPLICATION

- Clean the filter as necessary and balance the water.
- 16 ounces per 10,000 gallons of water can remove up to 1,000 ppb of phosphates.
- If elevated levels of phosphates are present, pool water may cloud, especially in colder water.
- Circulate and filter for at least 24 hours after treatment.
- Monitor filter pressure and clean or backwash as necessary according to the manufacturer's instructions.





## COVER CLEANER

SIZE | 2 LB.

**Cleaner and deodorizer for vinyl, solid and mesh covers.**

### FEATURES & BENEFITS

Removes grease, oil and grime  
Prevents unpleasant odors  
Fresh lemon scent  
Suitable for: solar blankets, patio furniture, safety covers, decks and anything else around the pool  
Protects the cover from deterioration and sticking together during storage  
Prolongs the useful life of the cover

### APPLICATION

Remove major debris and water from the pool cover while the cover is still on the pool.  
Remove the cover and spread it out on a smooth, flat surface.  
Dilute 12 to 16 ounces of Cover Cleaner with 2.5 gallons of water and spread over the entire cover.  
Brush the cover clean with a nylon brush.  
Rinse the cover and clean the other side.  
Lightly sprinkle solution on the cover as it is being folded for storage.  
Sell the idea to your customers, "One for Clean, One for Storage".



## MICRO CLEAN

SIZE | 1 QT.

**Brilliant and sparkling water starts here.**

### FEATURES & BENEFITS

Unique non-metallic, non-staining and non-foaming clarifying formula  
Not affected by shock treatments or high chlorine levels  
Compatible with all sanitizing systems, pool surfaces and filter types  
Formulated pH neutral  
Surrounds and coagulates microscopic particles as small as 2 microns, allowing the filter media to quickly remove them from the water  
Removes a variety of matter through filtration  
Reduces sanitizer consumption

### APPLICATION

Clean filter as needed and adjust the water balance.  
Apply an initial treatment of 14 ounces per 10,000 gallons of pool water directly to the pool with the pump and filter running.  
Apply a maintenance treatment weekly by adding 4 ounces per 10,000 gallons of pool water.  
Swimming may resume 15 minutes after applying into the pool.



## POOL RESCUE

SIZE | 20 LB.

**Lifts organic matter from the bottom of the pool to the surface for easier removal. Solves unique problems quickly.**

### FEATURES & BENEFITS

Sodium carbonate peroxyhydrate  
pH 10.5  
Powerful oxidizing properties  
Virtually immediate reaction  
Compatible with all pool surfaces  
Frees pink slime and water mold from plumbing and equipment  
Raises organic materials to surface  
Decreases manual labor and time  
Works with all sanitizers  
Non bleaching  
Fast acting chlorine neutralizer

### APPLICATION

For best results, allow chlorine or bromine levels to decrease to 1 ppm or less  
Pool Rescue is ready to be used in a biguinde pool regardless of sanitizer or oxidizer levels  
If there is a large amount of material in the pool:  

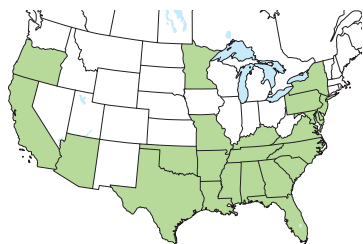
- DO NOT add with the pump operating to avoid clogging the skimmer and any other pool components.
- To lift more material off the pool bottom, brush or stir debris settled on the bottom of the pool prior to applying product.

To avoid a difficult to clean waterline ring after treatment, add water to the pool until water level is at highest possible level  
Add 1 pound of Pool Rescue per 1,000 gallons of water directly to the water

Immediately add 3/4 pound of pH Down per 1,000 gallons of water  
As cleaning action begins, water will become cloudy  
Remove any debris floating to the surface of the water  
Once enough floating material has been removed from pool so that the skimmer basket will not clog up, turn pump on and circulate for 48 hours  
Closely monitor pressure in filter during this time period  
Start introducing chlorine 24-48 hours after physical debris has been removed from the water

**Can be used for control of nutsedge in non-crop areas only. Apply specified rates and incorporate immediately to a depth of 4 to 6 inches. Seasonal control of annual weeds will also be obtained with this application.**

To prevent product run-off, do not over water the treated area(s) to the point of runoff.  
Do not use in enclosed structure.



## KNOWN LOCATION OF NUTGRASS GROWTH IN UNITED STATES AND CANADA

Courtesy: USDA.gov

### APPLICATION

Do not apply when windy.

Apply under vinyl pool liners

Nutsedge (nutgrass) can penetrate vinyl pool liners used in above ground pools. For control, apply at rate of seven pounds (7lbs) product per 1000 square feet.

Immediately after the final grading has been achieved, use a tiller or a rake to mix in the top two inches of soil and water with a fine mist from a hose or lightly sprinkle with a watering can.

After pool installation has been completed, twelve to eighteen inches of perimeter should be cleaned of grass and the soil treated.

It is recommended that the perimeter be treated annually.

## WINTERIZER

SIZE | 1 GAL.

**Winterizer must be used during the colder months when swimming pools are covered or no longer in use.**

### FEATURES & BENEFITS

Algaecide and water clarifier for swimming pools

Controls the growth of algae

Ideal for all pool types

Ideal for pool closings

Non foaming

pH neutral

### APPLICATION

Prepare your pool for the closing season by adjusting pH of pool water to the ideal range of 7.4-7.6. Winterizer will prevent growth of algae during the off-season winter months when pools are not in use.

When pool is balanced and free of visible algae, add 48-64 fluid ounces of algaecide per 10,000 gallons of water. If pool has some visible algae growth, add 96 to 128 fluid ounces of this product per 10,000 gallons of water.

Add this product with the pump running before draining to desired winter levels and placing winter cover.

It is necessary that a uniform distribution of algaecide throughout the pool be made for maximum effectiveness.

If pool is not covered, it may be necessary to repeat the treatment additional times during the season, consult your dealer.



## WINTER CLEAR KITS

SIZES | TREATS 7,500 GAL. | TREATS 15,000 GAL. | TREATS 30,000 GAL.

**Chlorine free treatment kit for the off-season of pool water.**

### FEATURES & BENEFITS

Non-chlorine based winterizing treatment

Dry, sequestering agent for a stain free off-season

All the products in the kits are dry formulations

Apply products directly into the pool. No extensive waiting in between product applications is necessary.

### APPLICATION

Clean the filter as needed and adjust the water balance.

Adjust the levels of chlorine in the pool to meet or exceed 3 ppm.

With the pump running, add the contents of the Winter Clear kit directly into the pool in the following order shown below.

Allow 2 to 5 minutes between each product application into the pool.

First: Oxidizing Treatment

Second: Stain Guard

Last: Winter Block

Circulate the pool water continuously for 8 to 24 hours.

Lower the water level, if applicable to your area.



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