



# DURACHLOR

America's trusted brand since 1968



# HAVILAND

## DURACHLOR® 1" TABLETS 3" TABLETS

A chlorinating concentrate for swimming pools. Stabilized chlorine.



### FEATURES & BENEFITS

- 99% Sodium trichloro-s-triazinetriene
- Contains 90% available chlorine
- Created without gummy binders
- Provides steady levels of chlorine into pool
- Slow dissolving, long lasting
- Ideal for chlorinator and skimmer applications
- Protected from UV rays

### APPLICATION

- Adjust water balance and stabilizer levels
- Add product to automatic feeder

### INITIAL USE:

- Adjust feeder to the highest setting. After 1-2 days make adjustments to dispenser to achieve desired chlorine ppm
- Chlorine levels should be maintained between 1-3 ppm. Test chlorine levels frequently to ensure proper ppm.
- If feeding chlorine through the skimmer, do not add other products to the skimmer while product is in the skimmer. Avoid turning off pump to prevent bleaching of surfaces.

## DURACHLOR® STICKS

A chlorinating concentrate for swimming pools



### FEATURES & BENEFITS

- 99% Sodium trichloro-s-triazinetriene
- Contains 90% available chlorine
- Created without gummy binders
- Provides steady levels of chlorine into pool
- Slow dissolving, long lasting
- Ideal for chlorinator and skimmer applications
- Protected from UV rays
- SIZES 10 LB. | 16 LB. | 25 LB. | 50 LB.

### APPLICATION

- Adjust water balance and stabilizer levels
- Add product to automatic feeder

### Initial Use:

- Adjust feeder to the highest setting. After 1-2 days make adjustments to dispenser to achieve desired chlorine ppm
- Chlorine levels should be maintained between 1-3 ppm. Test chlorine levels frequently to ensure proper ppm.
- If feeding chlorine through the skimmer, do not add other products to the skimmer while product is in the skimmer. Avoid turning off pump to prevent bleaching of surfaces.

## ULTRA BROM™

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



### FEATURES & BENEFITS

- 98% Bromochloro dimethylhydantoin
- pH 4.0
- Algaecidal properties
- Lower odor than chlorinating compounds
- Effective in various pH ranges
- Less skin irritability than chlorine
- Ideal for spas and indoor pools

### APPLICATION

- Add product to automatic feeder.
- Initial Use: Adjust feeder to the highest setting. After 1-2 days, make adjustments to dispenser to achieve desired bromine ppm.
- Bromine levels should be maintained between 2-4 ppm.
- Test bromine levels frequently to ensure proper ppm.
- If feeding bromine through the skimmer, do not add other products to the skimmer while product is in the skimmer. Avoid turning off pump to prevent bleaching of surfaces.

### BROMINE AND STABILIZER

- Durachlor Ultra Brom CANNOT be stabilized from the affects of UV rays. Both unstabilized chlorine and bromine will evacuate pool water at an equally rapid rate.

## GRANULAR 56

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
- SIZES 1 LB. | 4 LB. | 10 LB. | 25 LB. | 50 LB.

### 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 68

Concentrated unstabilized chlorine granules for routine maintenance.



### FEATURES & BENEFITS

68% Calcium hypochlorite  
Contains no cyanuric acid  
Fast acting  
Strong algae killer  
SIZES 1 LB. | 25 LB.

### APPLICATION

#### SHOCK USE

Adjust pH 7.2-7.6. Alkalinity 80-120 ppm  
With pump running add 1 pound per 10,000 gallons of water.  
Resume pool use once chlorine levels are at acceptable levels

#### MAINTENANCE USE

To achieve 1-3 ppm of chlorine. Add daily.  
*When cyanuric acid is used:* 3-4 ounces per 10,000 gallons  
*When cyanuric acid is not used:* Add 6-8 ounces per 10,000 gallons

## ASSAULT 73

Highest percentage of available chlorine in a shock product.



### FEATURES & BENEFITS

73% Calcium Hypochlorite  
pH 11  
No pre-dissolving required\*  
Does not increase cyanuric acid levels  
Compatible with all secondary systems, such as UV, Ozone, and other AOP systems  
SIZES 1 LB. | 5 LB. | 25 LB.

### APPLICATION

#### SHOCK USE\*

Adjust pH 7.2-7.6. Alkalinity 80-120 ppm  
With pump running add 1 pound per 15,000 gallons of water.  
Resume pool use once chlorine levels are at acceptable levels

#### MAINTENANCE USE\*

To achieve 1-3 ppm of chlorine. Add daily.  
*When cyanuric acid is used:* 3-4 ounces per 10,000 gallons  
*When cyanuric acid is not used:* Add 6-8 ounces per 10,000 gallons

## QUICK SHOCK

Suitable for pool openings and closings



### FEATURES & BENEFITS

Sodium dichloro-s-triazinetriene  
56% available chlorine  
pH is slightly lower than neutral  
Fast acting  
Granules are completely soluble  
Ideal for small swimming pools  
SIZE 1 LB.

### APPLICATION

Clean filter as needed and adjust water balance  
Apply product when pool is not in use and with the pump running.  
Ideal application is after dusk.  
Broadcast product over entire surface of the water.  
Brush any un-dissolved material off surfaces.  
For normal use, add 1 pound per 10,000 gallons of water with the pump running  
With heavy use, dose may need to be increased to 1 pound per 8,000 gallons of water  
Use weekly or after heavy swimmer use  
Entry to pool is permitted once chlorine levels are 3 ppm or less

## MULTI SHOCK EXTRA

Low-chlorine maintenance buffered shock treatment



### FEATURES & BENEFITS

Swim in 15 minutes  
35% available chlorine  
Normal dosages will not affect pH  
Ideal for vinyl liner pools  
Rapid dissolving product  
Leaves no residue  
Does not affect water hardness levels  
Does not cloud water  
No pre-dissolving  
SIZE 1 LB.

### 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.

## WIPE OUT

Full strength 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

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

### 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.

## PH UP

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

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

### 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

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

SIZES 2 LB. | 5 LB. | 10 LB. | 30 LB. | 50 LB.  
30 LB. BOX

### 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

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
- Granular product
- Eliminates a cause of pool components failing prematurely

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

### APPLICATION

When increasing hardness more than 30 ppm, divide the dosage into thirds and apply every two hours..

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

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"

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

### APPLICATION

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

## CHLOR OUT

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

SIZES 2 LB. | 25 LB.

### 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

## ACTIVATOR

Activator is specially formulated to enhance water quality by improving filtration and controlling algae.



### FEATURES & BENEFITS

Registered by the EPA to prevent the growth of algae in pool water

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 by 30-50%

SIZES 20 LB. | 45 LB.

### APPLICATION

Clean filter as needed and adjust water balance

DO NOT add product to the skimmer. Add directly to the pool by broadcasting product over the surface of the water.

To maintain all the benefits of Durachlor Activator, a residual should be maintained between 30-50 ppm.

Basic introduction of Durachlor Activator should be 2 pounds for every 1,000 gallons of water. For best and long lasting results add 3.4 pounds for every 1,000 gallons of water.

Calculate total amount needed to be added to the pool. Add ½ the total dose then adjust pH afterwards. Apply the remaining ½ dose at least 8 hours after the first application.

Brush or vacuum any un-dissolved material off the surface bottom.

Promotes sparkling,  
clear water and  
reduces eye and  
skin irritation for  
swimmers.

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 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 PLUS

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

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

### APPLICATION

Clean filter as needed and adjust water balance  
DO NOT add product to the skimmer. Add directly to the pool by broadcasting product over the surface of the water.  
To maintain all the benefits of Durachlor Activator Plus, a residual should be maintained between 30-50 ppm.  
Basic introduction of Durachlor Activator Plus should be 2 pounds for every 1,000 gallons of water. For best and long lasting results add 3.4 pounds for every 1,000 gallons of water.  
Calculate total amount needed to be added to the pool. Add ½ the total dose then adjust pH afterwards. Apply the remaining ½ dose at least 8 hours after the first application.  
Brush or vacuum any un-dissolved material off the surface bottom.

## STABILIZER

Prevents loss of chlorine to the ultra-violet 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
- Typically added once per season

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

### 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.  
Stabilizer can be broadcasted across the surface of the pool. Though safe for all surfaces, undissolved material should be brushed or SLOWLY vacuumed.  
Continuously run pump for 24-48 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

## MUSTARD ELIMINATOR

For fast treatment of yellow and mustard algae in swimming pools



### FEATURES & BENEFITS

- Sodium bromide
- Non-staining
- Effective against all algae
- EPA registered as an algae remover
- Chlorine exciter
- Small dosages needed
- Highly effective in pools with mustard (yellow) algae

SIZE 2 LB.

### APPLICATION

Clean filter as necessary  
Balance pH between 7.4 and 7.6  
Apply 4 ounces per 10,000 gallons of water in the problem areas of the pool  
You may double the dose to 8 ounces per 10,000 gallons depending on severity of conditions  
Avoid overdosing!  
Brush areas affected with algae outbreaks  
After adding Mustard Eliminator immediately apply to the pool 1 pound of Quick Shock for every 10,000 gallons of water.  
Continuously circulate pool and filter until pool clears.

## COMBAT 60 COMBAT 30

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



### FEATURES & BENEFITS

Water is noticeably more comfortable to Polyethylene-dichloride  
 Combat 60 = 60% solution  
 Combat 30 = 30% solution  
 Non-foaming and Non-staining  
 Effective against all types of algae  
 pH neutral  
 Works in a wide pH range  
 Not affected by high chlorine residual  
 Consistent use can reduce the amount of chlorine normally required

SIZE 1 QT.

### PREVENTION APPLICATION

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

### 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.

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

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

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

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

ALGAE KIL 50 SIZE 1 QT.

ALGAE KIL 10 SIZES 1 QT. | 1 GAL

### PREVENTION APPLICATION

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

### 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

Initial treatment per 10,000 gallons	
Algae Kil 50	32 oz
Algae Kil 10	24 - 26 oz

Weekly Maintenance dose <i>after</i> initial treatment per 10,000 gallons	
Algae Kil 50	5 oz.
Algae Kil 10	24 - 26 oz.

Treatment for algae per 25,000 gallons	
Algae Kil 50	1 qt
Algae Kil 10	4 - 5 qt

## ALGAE KIL CB7

This algaecide provides effective prevention and control of algae growth in all types of swimming pools



### FEATURES & BENEFITS

Effective against all algae and algal slime types and colors  
Controls stubborn algae  
Liquid copper blend formulation  
Concentrated algaecide  
Compatible with bromine or chlorine pools  
Non-foaming  
Controls algae for months  
SIZE 1 QT.

### APPLICATION

Balance pH between 7.2 and 7.6  
Best results occur when water temperature is above 60 degrees and when outdoor conditions are sunny  
Superchlorinate water and circulate at least 1-2 hours  
Dilute product in a pail of water to achieve greatest coverage in pool  
Brush before application. Black algae **MUST** be vigorously brushed before application.  
*For light-medium visible algae: add 4 ounces per 10,000 gallons*  
*For heavy visible algae: add 10 ounces per 10,000 gallons*  
Continuously circulate water during treatment

#### 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

## COMBAT EXTRA

Our unique broad spectrum algaecide blend. Made with a special clarifying agent to help clear water fast.



### FEATURES & BENEFITS

Polymer algaecide blended with copper complex  
Destroys all resistant strains of algae  
Non-foaming  
pH neutral  
Compatible with bromine or chlorine pools  
Additional clarifiers added to speed pool recovery  
SIZE 1 QT.

### APPLICATION

Clean filter as necessary  
Balance pH between 7.2 and 7.4  
Apply to pool 1 pound of Quick Shock per 10,000 gallons of water, wait 2 hours  
To remove visible algae growth, add an initial dose of 18 to 24 fluid ounces per 10,000 gallons of water  
Algae occurring in deep cracks or crevices may require additional scrubbing and vacuuming  
Continuously circulate water during treatment

### PREVENTION APPLICATION

Initially, add 16 fl. ounces of Combat Extra per 10,000 gallons  
Add 4 fl ounces per 10,000 gallons weekly thereafter

## SUPER 90

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.



## RUST-N-SCALE METAL WIZARD

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  
SIZE 1 QT.

### 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  
SIZE 1 QT.

### 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

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 and Metal Wizard for maximum efficiency  
Phosphate free  
SIZE 2 LB.

### 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 OR Metal Wizard after applying the Stain Eliminator to prevent stains from returning.

## FILTER CLEANER

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  
SIZE 1 QT.

### 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

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

SIZE 1 QT.

### 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

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

SIZE 1 QT.

### 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

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  
SIZE 1 QT.

### 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

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 flocking 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  
SIZE 1 QT.

### 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

Concentrated to help remove the amount of phosphate through filtration



### FEATURES & BENEFITS

Significantly reduces pool issues  
Helps maintain performance of chlorine generators  
Decreases filter maintenance  
Reduces pool maintenance and related costs

SIZE 1 QT.

### APPLICATION

Clean filter as needed and adjust the water balance.  
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.  
Phosphates are removed via filtration, so filter pressure needs to be monitored. Clean or backwash afterwards according to the manufacturer's instructions to remove phosphates from water.

## COVER CLEANER

Cleaner and deodorizer for vinyl, solid and mesh covers.



Sell the idea to your customers, "One for clean and one for storage".

### FEATURES & BENEFITS

Prevents unpleasant odors  
Fresh lemon scent  
Removes grease, oil and grime  
Protects the cover from deterioration and sticking together during storage  
Prolongs useful life of the cover

SIZE 1 QT.

### APPLICATION

Remove major debris and water from the pool cover while the cover is still on the pool.  
Remove the cover and spread out on a smooth, flat surface.  
Dilute 12 to 16 ounces of the product with 2½ 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.

## MICRO CLEAN

Brilliant and sparkling water starts here.



### FEATURES & BENEFITS

Not affected by shock treatments or high chlorine levels  
Compatible with all sanitizing systems, 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  
SIZE 1 QT.

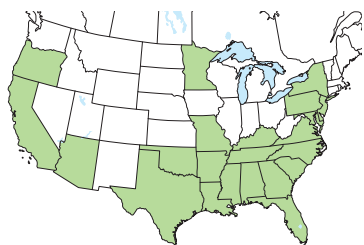
### APPLICATION

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.

**Unique non-metallic, non-staining and non-foaming clarifier**

## BLAST IT

For control of nutsedge in non-crop areas only. Seasonal control of annual weeds will also be obtained with this application.



Known location of nutgrass growth in United States and Canada

### 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.  
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

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

SIZE 1 GAL.

### 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 BLUE 22

Swimming pools are typically closed longer than they are open. Winter Blue 22 is strong and long lasting.



### FEATURES & BENEFITS

Proven technology keeps pool water clean and clear during off-season

Easy spring start-up, saving time and money

Dissolves quickly in water

Controls staining from metals in the water

20 pounds of Winter Blue 22 treats up to 15,000 gallons of water

SIZE 30 LB.

\*Cold water may inhibit any chlorine product from dissolving quickly.  
Brush product that does not dissolve from surfaces.

[durachlorpool.com](http://durachlorpool.com)



421 Ann St. N.W.,  
Grand Rapids, MI 49504-2075  
800-333-0400