

TREATING ALGAE in a BAQUACIL® Pool



What are algae?

- Algae are microscopic plant life present in air, soil and water that require carbon dioxide, sunlight and water for growth.
- The presence of algae in a pool may result in cloudy water, slippery pool surfaces such as steps and ladders, pH rise, filter blockage, and excessive chemical consumption.
- Algae do not cause disease, but their presence is not inviting to swimmers.

What do algae look like?

- Green algae tend to be free floating, making the water cloudy.
- Mustard algae clings to walls, leaving the water clear unless they are physically disturbed. When brushed it appears to be a fine brown powder.
- Black algae clings to walls and are very difficult to brush.

Causes & prevention of algae in your pool:

Poor Circulation

- Run the circulation/filtration system continuously for a minimum of 8 to 12 hours a day or longer at times of high bather load, bad weather, or when a water clarity problem exists.
- Check the returns on the pool to be sure they are directed slightly downward and away from the skimmer in a circular flow pattern.

Poor Filtration

- Check the filter and pressure gauge to ensure they are functioning properly.
- Chemically clean the filter at least two times per season (three times if pool is open year-round) or in the event that the pressure is not significantly reduced by backwashing, bumping, or rinsing the filter.
- Only backwash the filter according to the filter manufacturers' recommendation.

Improper Chemical Maintenance

- Maintain BAQUACIL® Sanitizer and Algistat level between 40 ppm and 50 ppm.
 - a. Use your BAQUACIL® 4-Way Test Strips to test weekly and add a top-up dose if necessary.
- BAQUACIL® System: Follow the three-part maintenance procedures for BAQUACIL® Swimming Pool Sanitizer and Algistat, BAQUACIL® Oxidizer, and BAQUACIL® Algicide .
- BAQUACIL® CDX™ SYSTEM: Follow the 3-step; weekly maintenance procedure using BAQUACIL® Swimming Pool Sanitizer and Algistat, BAQUACIL® Oxidizer, and BAQUACIL® CDX™ product.

Note: For pools using the BAQUACIL® CDX™ System we recommend introducing an algae preventative program during the hottest summer months.

Poor Housekeeping and Environment

- Brush pool sides and bottom weekly even if the pool is equipped with an automatic pool cleaner.
- Remove leaves, dirt and other debris from pool.
- Clean the skimmer and hair and lint baskets at least weekly.
- Clean any automatic pool cleaners and covers.
- If your pool cover is left in the dirt or grass, you may be introducing substantial debris into the pool, always store covers carefully when not in use.

Treatment actions on reverse

TREATING ALGAE in a BAQUACIL® Pool



Algae rating for a BAQUACIL® Pool

0= No Algae visible.

1= Very low growth. Small spots of algae on ladder steps or skimmer.

2= Low growth. Small patches on sides and bottom of pool.

3= Moderate growth. Large, random patches on sides and bottom of pool.

4= Heavy growth. Sides and bottom of pool covered and/or water hazy due to free-floating algae.

BAQUACIL® System or the BAQUACIL® CDX™ System pool:

1. If you have not chemically cleaned your filter within the past month - clean the filter with BAQUACIL® Universal Filter Cleaner.
2. Brush pool walls and floor daily, and filter regularly during treatment, until your pool is free from visible algae.
3. Rate the Algae using the above chart.

If Algae Rating is 2 or less:

- a. Backwash, bump or rinse the filter.
- b. Top-up BAQUACIL® Swimming Pool Sanitizer and Algistat to 50 ppm.
- c. Add an initial dose (11–17 fl. oz. per 10,000 gallons) of BAQUACIL® Performance Algicide and a Maintenance dose (1 gallon per 10,000 gallons) of BAQUACIL® Oxidizer.

Note: If you are already using BAQUACIL® Performance Algicide as part of your preventative program, begin using BAQUACIL® Premium Algicide, per label directions.

- d. Run filter continuously for 24 to 48 hours.
- e. Re-evaluate Algae Rating.
- f. If pool is clear at this time :
 - Clean filter with BAQUACIL® Universal Filter Cleaner.
 - Resume normal pool care routine and remember to brush walls and bottom of the pool weekly.
- g. If pool still has algae:
 - Brush the pool walls and bottom and backwash, bump or rinse the filter.
 - Add an initial dose of BAQUACIL® Premium Algicide (30 fl. oz. per 10,000 gallons)
 - Run filter continuously for 24 to 48 hours and re-evaluate Algae rating.
- h. If pool is clear after this time:
 - Clean filter with BAQUACIL® Universal Filter Cleaner.
 - If pool still has algae, see your Authorized Dealer for advice.

4. If Algae Rating is 3 or greater:

- a. Floc pool with BAQUACIL® Flocculant, follow the Broadcast Floc directions on the bottle.
- b. Brush remaining algae from pool walls and bottom. Brush the pool daily during treatment until pool is free of algae.
- c. Top-up BAQUACIL® Swimming Pool Sanitizer and Algistat to 50ppm.
- d. Add an initial dose (11-17 fl. oz. per 10,000 gallons) of BAQUACIL® Performance Algicide and add a start-up/initial dose (1 gallon per 10,000 gallons) of BAQUACIL® Oxidizer. Run filter continuously for 24 to 48 hours.
- e. Re-evaluate Algae rating.
- f. If pool is clear at this time:
 - Clean filter with BAQUACIL® Universal Filter Cleaner.
 - Resume normal pool care routine and remember to brush walls and bottom of the pool weekly.
- g. If pool still has algae:
 - Brush the pool walls and bottom and backwash, bump or rinse the filter.
 - Add an initial dose of BAQUACIL® Premium Algicide (30 fl. oz. per 10,000 gallons).
 - Run filter continuously for 24 to 48 hours.
 - If pool is clear after this time, clean filter with BAQUACIL® Universal Filter Cleaner.

Note: Pools on BAQUACIL® CDX™ system with chronic algae issues should start adding maintenance dose (1 ¼ oz. per 10,000 gallons) of BAQUACIL® Algicide weekly to pool.