TREATING ALGAE
in a BAQUACIL® Pool

Chlorine-free. Care-free. BAQUACIL® POOL CARE SYSTEM SYSTEMS

What are algae?

- Algae are microscopic plat 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** cling 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.

1. Poor Circulation

- Run the circulation/filtration system continuously for a minimum of 8 – 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.
- Check the pump timer to make sure it is operating properly and set for a minimum run time of 8 – 12 hours.

2. Poor Filtration

- Check the filter and pressure gauge to ensure they are functioning properly.
- Chemically clean the filter at least two times (2X) per season (three times (3X) 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 according to the filter manufacturers' recommendation.

3. Improper Chemical Maintenance

- Maintain BAQUACIL Sanitizer and Algistat Sanitizer and Algistat level between 30 ppm and 50 ppm.
- Test your water weekly with BAQUACIL Test Strips.
- Follow the three-part maintenance procedures for the standard BAQUACIL SYSTEM, using BAQUACIL Sanitizer and Algistat, BAQUACIL Oxidizer and BAQUACIL Algicide. OR, if your pool is on the BAQUACIL CDX™ System, follow the maintenance procedure using BAQUACIL Sanitizer and Algistat, BAQUACIL Oxidizer and BAQUACIL CDX.

4. 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/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, so always store covers carefully when not in use.

Treatment actions on reverse

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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.

Clearing ALGAE in a pool on the standard BAQUACIL® System or the BAQUACIL® CDX™ System

1. If you have not chemically cleaned your filter within the past month, **clean the filter** with BAQUACIL D.E. & Cartridge Filter Cleaner or BAQUACIL Sand Filer Cleaner (see Filter Cleaning Reference Sheet).
2. **Rate the Algae.**
3. Brush the pool sides and bottom. Repeat this step daily until the pool is clear.
4. **If Algae Rating is 2 or less:**
   a. Backwash, bump or rinse the filter.
   b. Top-up BAQUACIL Sanitizer and Algistat to 50 ppm.
   c. Add an **INITIAL** dose (11–17 oz. per 10,000 gallons) of BAQUACIL Performance Algicide and a **MAINTENANCE** dose (1 gallon per 10,000 gallons) of BAQUACIL Oxidizer. **Note:** If the BAQUACIL Performance Algicide is being used, begin using BAQUACIL Premium Algicide, per label directions.
   d. Run filter continuously for 24 – 48 hours and re-evaluate 'Algae Rating'.
   e. If pool is clear after this time, clean filter with BAQUACIL D.E. & Cartridge Filter Cleaner **OR** BAQUACIL Sand Filter Cleaner (See Filter Cleaning Reference Sheet).
   f. **If pool still has algae**:
      - Brush the pool sides and bottom and backwash, bump or rinse the filter.
      - Add an **initial** dose of BAQUACIL Premium Algicide (30 oz. per 10,000 gallons).
      - Run filter continuously for 24 – 48 hours and re-evaluate 'Algae Rating'.
      - If pool is clear after this time, clean filter with BAQUACIL D.E. & Cartridge Filter Cleaner **OR** BAQUACIL Sand Filter Cleaner (See Filter Cleaning Reference Sheet).
      - If pool still has algae, see your Authorized Dealer for advice.
5. **If Algae Rating is 3 or greater:**
   a. Floc pool with BAQUACIL Flocculant, follow the Broadcast Floc directions on the bottle.
   b. Turn off filter and allow BAQUACIL Flocculant to settle for 24 hours.
   c. After 24 hours, vacuum algae and floc to waste. It is important to physically remove as much of the algae as possible from the pool before chemical treatment.
   d. Brush remaining algae from pool sides and bottom. Brush the pool daily during treatment until pool is free of algae.
   e. Top-up BAQUACIL Sanitizer and Algistat to 50 ppm.
   f. Add an **INITIAL** dose (11–17 oz. per 10,000 gallons) of BAQUACIL Performance Algicide and add a **MAINTENANCE** dose (1 gallon per 10,000 gallons) of BAQUACIL Oxidizer.
   g. Run filter continuously for 24 – 48 hours and re-evaluate 'Algae Rating'.
   h. **If pool is clear after this time**:
      - Clean filter with BAQUACIL D.E. & Cartridge Filter Cleaner or BAQUACIL Sand Filter Cleaner (See Filter Cleaning Reference Sheet).
      - Resume normal pool care routine and remember to brush sides and bottom of the pool weekly.
   i. **If pool still has algae**:
      - Brush the pool sides and bottom and backwash, bump or rinse the filter.
      - Add an **INITIAL** dose of BAQUACIL Premium Algicide (30 oz. per 10,000 gallons).
      - Run filter continuously for 24 – 48 hours.
      - If pool is clear after this time, clean filter with BAQUACIL D.E. & Cartridge Filter Cleaner or BAQUACIL Sand Filter Cleaner (See Filter Cleaning Reference Sheet).
      - If pool still has algae, see your Authorized Dealer for advice.

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