

Pool Water

Algae

Possible causes

Green, brown or yellow:
Lacking sanitizer
(chlorine).

Suggested solutions

Adjust pH to 7.2–7.8. Add 350 g of **Chlorinated Shock Treatment** per 10,000 L of water. Pour 150 mL of **40% Destructive Algaecide** per 10,000 L of water. Wait 3 hours then scrub the sides and the bottom. Wait another 12 hours then vacuum. Follow by a backwash.

Preventive maintenance

Don't forget the sanitizer. For preventive measures, add 35 mL of **40% Destructive Algaecide** per 10,000 L of water each week.

Black algae:
Lacking sanitizer
(chlorine).

Same solution as for green, brown or yellow algae. However, scrub the sides more vigorously since black algae grow in layers. The longer they are there, the harder it will be to get rid of them.

Don't forget the sanitizer. For preventive measures, add 35 mL of **40% Destructive Algaecide** per 10,000 L of water each week.

Cloudy water

Possible causes

High level of
suspended solids.

Suggested solutions

Add 260 mL of **Liquid Clarifier** per 10,000 L of water or place two pouches of **Premeasured Clarifier in a Stick** in the skimmer per 75,000 L of water.

Preventive maintenance

Each week, add 30 mL of **Liquid Clarifier** per 10,000 L of water or place one pouch of **Premeasured Clarifier in a Stick** in the skimmer per 75,000 L of water.

Lacking sanitizer
(chlorine).

Add 350 g of **Chlorinated Shock Treatment** per 10,000 L of water.

Maintain sanitizer level at 1–3 ppm at all times.

High pH.

Use **pH-** to lower the pH to 7.2–7.8.

Maintain pH at 7.2–7.8 at all times.

Filtration problem.

Make sure the skimmer and the pump baskets are not blocked, and the filter works well. Make sure to clean the sand in the filter by using **Sand Filter Cleaner** at the beginning and the end of season.

Make sure the baskets are always empty and the filter works well. Backwash when needed.

Make sure the pool water is analyzed on a regular basis by your retailer.

Pool Water

Scale formation

Possible causes

High pH.

High total alkalinity.

High calcium hardness.

** If you have a pool heater, **Scale Control** and **Metal Control** will help protect your pool heater against corrosion and scale build-up. It is recommended to pour 1 L in the pool twice during the summer.

Suggested solutions

Adjust pH to 7.2–7.8. Lower pH by using **pH-**.

Adjust total alkalinity to 80–120 ppm. Lower alkalinity using **Muriatic Acid**.

Adjust calcium hardness to 200–300 ppm. (There is no existing product for lowering calcium hardness).

Preventive maintenance

Maintain pH at 7.2–7.8.

Maintain total alkalinity at 80–120 ppm.

Maintain calcium hardness between 200 and 300 ppm. Add 30 mL of **Scale Control** or **Metal Control** per 10,000 L of water once a week.

Corrosion, pool liner creasing or discoloration

Possible causes

Low pH.

Low total alkalinity.

Low calcium hardness.

Sanitizer level higher than 3 ppm.

Suggested solutions

Adjust pH to 7.2–7.8. Increase pH using **pH+**.

Adjust total alkalinity to 80–120 ppm. Increase alkalinity using **Alkalinity Control**.

Adjust calcium hardness to 200–300 ppm. Increase calcium hardness using **Calcium Plus**.

Adjust sanitizer level to 1–3 ppm.

Preventive maintenance

Maintain pH at 7.2–7.8.

Maintain total alkalinity at 80–120 ppm.

Maintain calcium hardness at 200–300 ppm.

Maintain sanitizer level at 1–3 ppm.

Eye and skin irritation

Possible causes

Improper pH balance.

Presence of chloramines (combined chlorine).

Suggested solutions

Adjust pH to 7.2–7.8. The pH of the human eye is 7.5.

Carry out a **Non-Chlorinated Shock Treatment**, also known as **Oxy**, by using a 500 g pouch per 40,000 L of water or less, or 2 pouches of 500 g per 40,000 L of water or more.

Preventive maintenance

Maintain pH at 7.2–7.8.

Add one 500 g pouch of **Non-Chlorinated Shock Treatment**, also known as **Oxy**, per 40,000 L of water or less, or 2 pouches of 500 g per 40,000 L of water or more. This will prevent chlorine odour and eye irritation. The **Non-Chlorinated Shock Treatment** improves sanitizer efficiency and helps clarify water.

Make sure the pool water is analyzed on a regular basis by your retailer.