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Solutions to Your Pool Care Problems

PROBLEM	CAUSES	SOLUTION	PREVENTIVE MEASURES
Cloudy Water	High pH	Bring your pH into the desired range of 7.4 - 7.6 ppm.	Maintain a proper pH level by using PROTEAM pH DOWN.
	Dirty Filter	Check filtration system. Backwash if necessary.	Use PROTEAM FILTER MAGIC each spring and fall.
	Low Free Chlorine Residual	Bring free chlorine into desired range of 1 - 3 ppm. Shock if necessary.	Maintain a proper level using one of the PROTEAM chlorinating products.
	High Total Alkalinity	Test total alkalinity and adjust accordingly.	Lower total alkalinity in 100 - 175 ppm range by using PROTEAM pH DOWN.
Green Water	Green Algae (hazy water)	Bring pH level to ideal 7.4 - 7.6 range. Shock with chlorine shock treatment per label instructions and add PROTEAM MICROFLOC CLARIFIER at a rate of 14 oz. for initial treatment.	Add PROTEAM MICROFLOC CLARIFIER at a rate of 4 oz per 10,000 gallons weekly.
	Copper in Fill water (clear water)	Use PROTEAM METAL MAGIC at a rate of 4 oz. per 10,000 gallons. Let circulate overnight before adjusting chlorine or pH.	Add PROTEAM METAL MAGIC weekly at a rate of 4 oz per 10,000 gallons to prevent stains due to copper in water.
Reddish Brown Water	Dissolved Iron or manganese in water	Adjust pH to 7.4 - 7.6 range. Use PROTEAM METAL MAGIC. Let pump run continuously until clear.	Add PROTEAM METAL MAGIC weekly at a rate of 4 oz per 10,000 gallons.
Eye & Skin Irritation	Combined Chlorine (chloramines) level too high	Shock the pool using one of the PROTEAM shock treatments. Let circulate overnight and then adjust free chlorine residual to 1 - 3 ppm.	Shock treat every other week, after heavy use or rain. Test for free chlorine residual daily.
	pH level too high or too low	Adjust pH by using PROTEAM pH UP or PROTEAM pH DOWN to bring pH level to ideal range of 7.4 - 7.6 ppm.	Test pH level daily and maintain pH in 7.4 - 7.6 range. Test and maintain PROTEAM SUPREME to 30-50 ppm.
Chlorine Odor	Combined Chlorine (chloramine) level too high. The cause is NOT too much chlorine but not enough free available chlorine.	Shock the pool using PROTEAM POWER MAGIC at 1 lb. per 10,000 gallons. Let circulate overnight and then adjust free chlorine residual to 1 - 3 ppm.	Test pH level daily and maintain pH in 7.4 - 7.6 range.
Calcium Scale Formation	pH too high Total Alkalinity too high	Add PROTEAM pH DOWN to bring pH into 7.4 - 7.6 ppm range and to bring total alkalinity down to 100 - 175 ppm.	Maintain pH level in 7.4 - 7.6 range. Maintain total alkalinity level in 100 - 175 ppm.
	Calcium Hardness level too high	If hardness level is too high, some water may have to be drained. Add PROTEAM METAL MAGIC per label directions.	Add PROTEAM METAL MAGIC every other week at a rate of 4 oz. per 10,000 gallons weekly.
Corrosion of Metal Parts	pH too low Total Alkalinity too low	Add PROTEAM pH UP to bring pH into 7.4 - 7.6 ppm range.	Maintain pH level in 7.4 - 7.6 range. Maintain total alkalinity level in 100 - 175 ppm.
	Calcium Hardness level too low	Add PROTEAM CALCIUM UP to raise the calcium to 180 - 275 ppm.	Maintain calcium level at 180 - 275 ppm.

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