

Stain Removal



Step 1: Have pool water and fill water tested to see if metals are present. Pick up **Natural Chemistry's Stain ID Kit** at your water test center. Use Stain ID Kit to determine if stain is caused by metal. Gently rub the tablet on the stain. If the stain becomes lighter in color or is removed, **Stainfree** should work.

Step 2: Balance pool water chemistry

pH	7.2- 7.6 PPM
Total Alkalinity	80-120 PPM
Calcium Hardness	200-400 PPM
Cyanuric Acid (Stabilizer)	_____
Total Dissolved Solids	_____

Note: Stain removal products work best when the pH is on the lower side of acceptable, 7.2

Step 3: Lower the chlorine level to 1 PPM or less. A high chlorine level or any other oxidizing agent during the process will prevent **Stainfree** from working as designed. Do not swim until stain removal is complete and normal chlorine residual is established.

Note: If operating the pool for a couple of days without chlorine creates an algae concern. Consider dropping the phosphate level first to minimize the risk of an algae bloom.

Step 4: Use a non-polymer filter aid (paper pulp products work great for this process) to help sand and cartridge filters remove the very small particles created during the stain removal process. Water clarifiers should not be used during this process.

Step 5: Run pool pump until process is complete. Backwash as needed, reapply filter aid after each backwash.

Step 6: Add 1 pound of Stainfree for every 10,000 Gallons

Step 7: Brush heavily stained areas.

Step 8: After 1 hour add 1 liter of Metalfree for every 20,000 Gallons.

Step 9: After 24 hours, vacuum the entire surface of the pool to the filter or waste. It is important to vacuum every inch of the bottom to remove any trace of metal particulate. It may be smaller than can be seen, but it is there.

Step 10: Sand filters should be backwashed twice, cartridge and D.E. filters must be broken down and cleaned thoroughly.

Step 11: Rebalance water. After verifying levels, shock pool to establish a sanitizer residual. Repeat if necessary.

Step 12: Use **Metalfree** to help prevent future staining. Apply 4oz. per 10,000 Gallons once per week.



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