



Wapotec DesoPur® System

Why treat with the DesoPur® System?

DesoPur® is a Wapotec product that will eliminate biofilm that has developed in the Swimming Pool, Therapy Pool, Teach Pool or Whirlpool system. Biofilm is a layer of microorganisms contained in a matrix (slime layer), which forms on surfaces in contact with water. This matrix protects pathogens from the concentration of chlorine that would normally kill or inhibit them. Should biofilm be left unchecked, the facility is likely to experience poor bacteriological test results, and may lead to a closure of one or more bodies of water until the problem is eliminated.

How do I use the DesoPur® System?

The DesoPur® System is made up of three products; *DesoPur®* (TCDO Complex), *Lithium Hypochlorite* and *Sodium Sulfite*. All three products should be used in the process.

1. Prior to adding DesoPur® to the pool to be treated:
 - a. Carefully calculate the volume of the pool. Ensure that the calculated volume includes the pipes and mechanical system. This volume is required to accurately calculate the proper dosage of DesoPur® products.
 - b. Maintain normal operating pH (7.2)
 - c. Ensure that the entire system is operating. This includes the heat exchanger or boiler system and the jet pump.
2. Add the calculated dosage of DesoPur® to the pool to be treated. Wait 5 Minutes.
3. Pre-dissolve the required dosage of *Lithium Hypochlorite* in a clean pail filled with water.
4. Add the *Lithium Hypochlorite* solution to the pool.
5. Circulate the water for a minimum of 12 hours.
6. After 12 hours, pre-dissolve the required dosage of *Sodium Sulfite* in a clean pail filled with water. This will neutralize the chlorine prior to draining the pool.
7. Add the *Sodium Sulfite* solution to the pool. Wait 30 minutes.
8. After treatment is complete, drain the pool.
9. Clean and start-up the pool system, as per your normal procedures.

This procedure should be completed every three months.

We do fantastic
things with water!