

INSTRUCTIONS FOR 5-WAY TEST KIT

Take water samples from depth of 12" to 18" away from return lines. Rinse test vial before each test.

CHLORINE TEST

1. Fill small test vial to line.
2. Add 5 drops Solution #1.
3. Place cap on vial and swirl to mix.
4. **Free Chlorine Reading:** Within 2-3 seconds, compare color with chlorine standards on left to determine the Free Chlorine ppm level.
Combined Chlorine Reading: Wait 1 to 2 minutes and compare again to determine the combined chlorine ppm level. A large difference between the two readings (more than 0.2 ppm) indicates a need for superchlorination.

BROMINE TEST

1. Rinse test vial marked Bromine (BR) and fill to line.
2. Add 5 drops of Solution #1.
3. Place cap on vial and swirl to mix.
4. Match color in vial with Bromine Acid Demand test standards on the right within 30 seconds (make sure the BR marked side of the test block is being

read). The results are read in parts per million (ppm). A desirable reading is 4.4 ppm. However, additional Bromine may be needed to maintain a proper level.

pH TEST

1. Fill large test vial to top (solid) line.
2. Add 1 drop of Solution #4.
3. Add 5 drops of Solution #2. Place cap on vial and swirl to mix.
4. Compare color with pH standard on right.
5. A desirable pH reading is 7.2 to 7.6. If reading is 7.8 or above, acid is required. Using same water sample, perform Test 3 for Acid Demand, noted in Instruction Booklet.

ACID DEMAND TEST

1. Use sample water from pH test.
2. Counting each drop, add Solution #3 (swirling between drops) until color matches between 7.2 & 7.6. Check with Acid Demand table for amount of acid to be added to pool.

TOTAL ALKALINITY

1. Fill large vial to lower (dash) line.
2. Add 1 drop of Solution #4.
3. Add 2 drops of Solution #5. Place cap on vial and swirl to mix.
4. Counting each drop, add Solution #3 (swirling between drops), until color makes a permanent color change.
5. Multiply drops of Solution #3 used by 10. Read all warnings on the opposite panel before use

DANGER: CAUSES BURNS AND EYE DAMAGE. COMBUSTIBLE.



NOTE: The cap must always be used with the test kit vial. Do not cover the test kit vial with fingers during use. Avoid contact with the OTO solution.

CAUTION: Conduct tests before adding chemicals. Store test kit in a cool, dark place. For accuracy, use fresh solutions to start each season. Refer to Instruction Booklet for more detailed information

DANGER: CAUSES BURNS AND EYE DAMAGE. COMBUSTIBLE. CONTAINS KNOWN CARCINOGEN. KEEP OUT OF REACH OF CHILDREN. Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Avoid skin and eye contact. Do not swallow. Do not inhale fumes. Wear gloves and eye protection. Remove contaminated clothing and wash before re-use. Keep bottle capped when not in use. Store away from other household chemicals and flammable liquids.

Contains 0.13% Orthotolidine and/or Orthotolidine salt CAS 612-82-8; 5.14% Hydrochloric Acid CAS 7647-01-0, Water 94.73%.

First Aid: If inhaled, seek fresh air. If on skin or in eyes, rinse thoroughly with water. Remove contact lenses, if present and easy to do and continue rinsing. If swallowed, rinse out mouth and then drink plenty of water. If any of the above occurs, contact a physician or Poison Control Center immediately.

DO NOT INDUCE VOMITING. Contains: Hydrochloric Acid, O-toluidine Salt, Phenol Red, Sodium Thiosulfate, Isopropyl Alcohol. May damage metal objects. In case of fire, use dry chemical or CO₂ to extinguish. Store locked up. Store in well-ventilated place. Keep cool. Dispose of contents in accordance to applicable law.

24-Hour Emergency – 1-800-255-3924

 **WARNING: Cancer and Reproductive harm - www.P65Warnings.ca.gov**

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