

# NATURE'S PURE SPRING OPENING INSTRUCTIONS

## 1. Balance your water

**i** Keeping your water balanced will help your copper ionizer last longer and be more effective.

- Alkalinity should be between 80 and 120 ppm
- pH should be between 7.2 to 7.6
- Calcium Hardness should be between 200 to 300 ppm

## 2. Prep your water

**i** If your pool is green at opening please balance water, shock pool, and clean filter daily until water is clear. Shock with double or triple your normal amount depending on how green it is.

2a. Add 1lb of Shock per 10,000 gallons. (preferably at night) Always broadcast shock, never put in skimmer!

- Run filter for 6 hours then rinse cartridge filter or backwash sand filter

2b. Add Step A (Borate) to reach 30- 50 ppm (Borate test strips are available in our stores)

- Add Borate at rate of 5 lbs. per 10,000 gallons to increase level by 10ppm
- pH must be adjusted below 7.6 before adding Borate
- Broadcast over entire pool surface and brush any undissolved product from bottom of pool
- pH will rise as a normal reaction to the introduction of this product
- Let it circulate for 2 hours

2c. Add Step B (pH Reducer)

- Broadcast evenly over entire pool surface and brush any undissolved product from bottom of pool
- Retest after 24 hours
- Do Not add additional products until the pH is between 7.2 – 7.6
  - Use the chart below to calculate additional pH reducer if you need to add more

POOL VOLUME	pH 7.6 – 7.9	pH 8.0 – 8.4	Above 8.4
10,000 gallons	Add 8 oz.	Add 1 lb.	Add 1.5 lbs.
15,000 gallons	Add 12 oz.	Add 1.5 lbs.	Add 2 lbs.
20,000 gallons	Add 1 lb.	Add 2 lbs.	Add 3 lbs.

## 3. Turn Ionizer on and set at level 3

**i** Important: Maintain a chlorine level of 1-3 ppm while copper level is reaching to .3 - .5 ppm.

3a. Keep your pump on high speed for the first week or until your copper reading is between .3 and .5 ppm. The active light will only be on when your pump is on high speed.

## 4. Add Tablet to Skimmer

**i** Important: For tablet to dissolve properly DO NOT turn pump off for more than 3 hours at a time.

4a. Add 1 tablet per 10,000 gallons to the skimmer basket

# NATURE'S PURE MAINTENANCE

## Maintenance Cycle- Every Week:

### 1. Balance

**i** Returning and New users test for Borate at the start of the season to establish a level of 30-50 ppm. Borate does not dissipate but because of rain, backwashing, and splash out please top off your borate levels later in the season.

1a. Test water using pool test strips and mini test kit for copper or bring a water sample to one of our stores.

1b. Add chemicals, if necessary, to balance water to appropriate ranges below:

- Alkalinity should be between 80 and 120 ppm
- pH should be between 7.2 to 7.6
- Copper should be between .3 and .5 ppm
- FCI (Free Chlorine) should be between .5 to 3 ppm
- TDS (Total Dissolved Solids) should be between 1000 and 2000 ppm
  - You only need to test for TDS if the ionizer's active light is not coming on when your pump is on high

### 2. Ionizer Settings

**i** Reminder: The Ionizer is only releasing copper when the power and active light are on.

2a. Once your copper level reaches 0.3-0.5 you can put your pump on low speed for 16 to 18 hours a day. Make sure your pump is on high speed for a minimum of 6-8 hours/day to maintain copper level.

2b. If your copper level drops below .3 you can turn up the level setting on your ionizer or run pump on high more.

### 3. Add Shock

**i** NOTE: Shock pool once a week or additionally after heavy bather load or excessive rain.

3a. Turn pump on high and broadcast the shock over the entire pool then run pump for 6-8 hours minimum.

3b. Alternate Quick Swim Oxidizer or Nature's Pure Non-Chlorine Shock with Turbo Shock each week.

- It is preferable to sock your pool at night since sunlight will degrade the chlorine quickly.
- You can shock during the day when using Non-Chlorine Shock or Quick Swim Oxidizer and swim 15 minutes later.

### 4. Add Tablet

**i** Important: For the tablet to dissolve properly DO NOT turn pump off for more than 3 hours at a time.

4a. Add 1 tablet per 10,000 gallons to the skimmer basket

- If FCI (Free Chlorine) reading is ever higher than 3ppm reduce the frequency that you add a tablet to the skimmer.

## 5. Maintenance Doses of Borate (Bi-weekly)

**i** Important: because of splash out, rain, and backwashing there will be a loss of borate later in the season.

Please start adding Nature's Pure Step C Re-Energizer 1 month after opening your pool.

5a. Test and Balance your water before adding Re-Energizer (pH must be between 7.2 to 7.6 )

5b. Add 1 lb. for every 10,000 gallons **twice a month**.

- This will increase it by 2.5ppm to keep up with the loss of water
  - Shock pool
  - Clean filter
  - Broadcast the Re-Energizer of pool surface
  - Brush any undissolved product

## Spring Opening

**i** Important: Top off water before turning on pump

1. After topping your pool off with fresh water and starting your pump please complete the following steps:
  - a. Balance your water
  - b. Shock pool with 1lb/10,000 gallons- Run filter for 6 hours
  - c. Test water for Borate level (Desired level is 30-50ppm)
  - d. Calculate dosage of Step A (Borate) that you need
    - i. See Chart Below
    - ii. Add Step A (Borate)- broadcast over the entire pool surface
    - iii. Brush any undissolved product from bottom of pool
  - e. Calculate dosage of Step B (pH Reducer)
    - i. Start with  $\frac{1}{2}$  the amount of Borate you added.
      1. Ex. If you added 20 lbs Borate you would start with 10 lbs pH Reducer.
    - ii. Add Step B (pH Reducer)- broadcast over pool surface
    - iii. Brush any undissolved product from bottom of pool
  - f. Circulate for 24 to 48 hours on high.
  - g. Test water to ensure pH is between 7.2- 7.6
    - i. If additional pH reducer needs to be added please refer to chart below
  - h. Turn pump on high and Ionizer on level 3
  - i. Add 1 NST tablet/10,000 gallons to skimmer

Use the charts below to calculate Nature's Pure Energizer (Step A) and pH Reducer amounts.

POOL VOLUME	pH 7.6 – 7.9	pH 8.0 – 8.4	Above 8.4
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<b>POOL VOLUME</b>	<b>5 ppm Increase</b>	<b>10 ppm Increase</b>	<b>25 ppm Increase</b>
5,000 gallons	Add 1.25 lbs.	Add 2.5 lbs.	Add 5 lbs.
10,000 gallons	Add 2.5 lbs.	Add 5 lbs.	Add 10 lbs.
15,000 gallons	Add 3.75 lbs.	Add 7.5 lbs.	Add 15 lbs.
20,000 gallons	Add 5 lbs.	Add 10 lbs.	Add 20 lbs.
25,000 gallons	Add 6.25 lbs.	Add 12.5 lbs.	Add 25 lbs.