

## Product Specification Report

### BLUE CORAL LOW pH 190

**CLASSIFICATION:** Low pH Presoak

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**DESCRIPTION:**

Low pH 190 is a heavy-duty acidic presoak designed to replace hydrofluoric acid containing acidic presoaks. It provides excellent acidic cleaning and can be effectively used in tunnel and in-bay automatic washes. It is also effective for use in truck washes and as a wheel brightener.

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**FEATURES & BENEFITS:**

- High cleaning performance.
  - Excellent presoak and wheel brightener.
  - Designed as an HF replacement.
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**PHYSICAL CHARACTERISTICS:**

- Form – Liquid
  - Color – Amber
  - Odor – None
  - Foam – Moderate
  - pH (1%) – 1.0 – 2.4
  - Specific Gravity – 1.07 g/mL (8.9 lbs/US gal.)
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**PACKAGE SIZES AND PRODUCT NUMBERS:**

<b>Sizes available</b>	<b>Product numbers</b>
2 x 2.5 US gal. (18.9 L)	0611-CF

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**APPLICATION GUIDE / USE INSTRUCTIONS:**

- Injector: 1.5 gal. to 2.25 gal. injector
- Touch Free In-Bay Automatic
  - 1.5 oz (45 mL) per car
  - 1:100 to 1:150 dilution
- Tunnel Washing
  - 10-15 mL per car
  - 1:150 to 1:250 dilution
- Wheel brightening
  - 0.3 oz (10 mL) per car
  - Dilution 1:30 to 1:60
- Truck Wash

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- Dilution 1:25 to 1:75

### TITRATION PROCEDURE:

1. Use the NCST001 Titration Test Kit.
2. Rinse vial three times with sample to be tested. Fill the vial to 10 mL.
3. Add 3 drops of Phenolphthalein indicator (KT570001) and swirl to mix. The sample should remain clear.
4. Titrate with 0.5N sodium hydroxide (KT570011) one drop at a time while swirling. Count the number of drops until the sample color changes from clear to pink.

### TITRATION CHART:

10 mL Sample Dilution Ratio	10 mL Sample Drops
1:50	16
1:100	7
1:200	4
1:300	3

### SPECIAL INSTRUCTIONS:

Use tubing, foot valves, and seals with acceptable materials on metering devices. Use of restricted materials should be avoided.

ACCEPTABLE MATERIALS	
O-rings	Brown Fluoroelastomer +7.4%, Blue Fluoroelastomer +4.8%, Viton -3.4%, EPDM +2.2%
Tubing	Clear vinyl -2.1%, LLDPE +0.7%, Tygon +1.3%
Metals	Brass -0.4%, 316 Grade SS Corrosion rate +0.3%
Foot valve	Gray

RESTRICTED MATERIALS	
O-rings	Silicone +1.8%, Neoprene -20.8%, Buna N +30.4%
Tubing	PVC Clear Flo -12.5%
Metals	303 Grade SS -6.1%, 304 Grade SS -0.3%
Foot valve	Blue