



Touch Free Low pH

Presoak for Touch Free Car Wash

Product Description:

TF Low pH is a unique vehicle pre-soak that brings the latest detergent technology to touch free vehicle wash programs.

A concentrated low pH detergent designed for use in a two-step acid/alkaline pre-soak system in a touch free application. When used with TF High pH pre-soak it will help produce easier rinsing and remove stubborn soils from vehicles.

Applied with professional 2-step touch free equipment, this advanced pre-soak combines with the dedicated alkali detergent, TF High pH, to generate a fast-acting foam that provides a synergistic detergent system application.

- Rapidly removes road film and stubborn soils from all car exterior surfaces
- Safely dissolves heavy mineral build up (hard water deposit - calcium)
- Brightens and cleans glass, paint and chrome and effectively cleans wheels
- Generates a rich foam that softens the soils to rinse freely from the vehicle
- Biodegradable

Application:

TF Low pH is automatically foamed onto all exterior surfaces of the vehicle during the first (acid pre-soak) pass of the two-step, touch free wash program.

Allow the TF Low pH solution to penetrate soils for approximately 30 seconds, then apply TF High pH (alkali foam) directly on top of the pre-soak. The mixed foam layer highlights car surface coverage and detergent activity.

Allow the combined detergent solution to soak for at least 30 seconds, then initiate the touch free high-pressure wash to remove the surface soils and remaining detergent.

For best results; run a 2nd pass of TF high pH after rinsing off TF Low pH and TF High pH Leave on for a 30 seconds dwell time followed by rinsing.



Technical Bulletin



TF Low pH is automatically dispensed at a dilution rate of 1:70 up to 1:150. Target rates: 15ml – 30ml per vehicle depending on soil load and application time. For further advice, consult your local Castle Chemicals specialist.

Titration: Use Castle TITKIT to achieve results:

| AquaShine TF Low pH, 20mL sample, 2 drops PA1, TAC3 titrant | |
|---|----------------|
| Drops | Dilution Ratio |
| 2 | 1:460 |
| 5 | 1:183 |
| 7 | 1:130 |
| 10 | 1:91 |
| 15 | 1:60 |
| 20 | 1:45 |
| 23 | 1:40 |

Dwell Time: Decrease dwell time in extreme hot conditions to avoid evaporation of the solution.

Ratio: When changing dilution tips or injectors (GPM) you must also do a titration test.

Safe Handling (and Storage)

Refer to SDS available at www.castlechem.com.au

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SHELF LIFE:

As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.