



## ASTFLP Low pH

### Touch Free Car Wash Acid Pre-Soak

#### Product Description:

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

Applied with professional 2-step touch free equipment, this advanced pre-soak combines with the dedicated alkali detergent, AS TF High pH, to generate a fast acting foam that provides a synergistic detergent system application. Used together, these new Aquashine touch free detergents deliver ultimate customer satisfaction by way of an exceptional, twin package cleaning system that rapidly and safely lifts road film and stubborn soils from all exterior car surfaces.

Employs a rapid and effective cleaning system based on the latest car wash research. Rapidly removes road film and stubborn soils from all exterior car surfaces. Assists machine technicians to optimise foam coverage. Generates a rich foam layer that rinses freely from the vehicle. Contains biodegradable surfactants. Ideal for use with all automated touch free equipment.

Appearance: Clear, thin, foaming, straw coloured liquid

Fragrance: Fresh citrus

Solubility: in Water Readily miscible

pH: (Neat) 1 – 1.5

Specific Gravity (25°C) 1.10

Flashpoint: Non-flammable

Shelf Life: 12 Months minimum

#### Application:

TF Low pH is automatically foamed onto all exterior surfaces of the vehicle during the first (acid pre-soak) pass of a two-step, touch free wash program. To optimise cleaning performance, use a spray unit that enhances aeration of the foam.

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 solution.

#### Commercial Use:

TF Low pH is automatically dispensed at a dilution rate of 1 to 1.5% v/v (equivalent to 10 to 15 ml per litre, or approximately 1 part in 70 to 90 parts water) depending on the touch free machine used, local water conditions, and the level of soil.

For further advice, consult your local Castle Chemicals specialist.

# Technical Bulletin



## Application:

### Surface Compatibility:

Safe to use on all exterior vehicle surfaces when applied in combination with TF High pH alkali wash, as recommended. High concentrations and prolonged contact may damage vehicle surfaces. Do not allow TF Low pH solutions to remain in contact with car surfaces (especially aluminium fittings, plated surfaces, etc) for longer than 30-60 seconds, prior to neutralisation with TF High pH.

Do not allow TF Low pH solutions to dry onto surfaces.

Do not apply TF Low pH solutions to damaged or faded surfaces.

### Safe Handling (and Storage):

Use only as directed, in combination with Aquashine TF High pH alkali car wash. Do not mix with chlorinated products, or other detergents. Highly acidic detergent. Avoid contact with skin and eyes. Avoid breathing vapour or spray mist. Wear safety glasses if splashing may occur, especially if contact lenses are worn.

Wear suitable (e.g. PVC or rubber) gloves. Ingestion of concentrate may irritate mouth, oesophagus and stomach. Store in accordance with local Dangerous Goods regulations. For commercial and industrial use only.

For further information, please consult the Materials Safety Data Sheet.

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